

Manufacturers Record

Exponent America



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Baltimore, Md.
JULY 29, 1926

Banking and General Business Conditions in Georgia and Florida.

A large number of banks belonging to a chain operating in Georgia and Florida, depending entirely for financial co-operation upon one company in Atlanta, which was organized years ago to be the financial agent of all of this chain of banks, recently failed. They were mostly small banks of from \$15,000 to \$20,000, or somewhat larger amount of capitalization. Having no other financial connections than the one Atlanta trust company, many of these banks had to close instantly when that trust company failed, though many will probably reopen shortly.

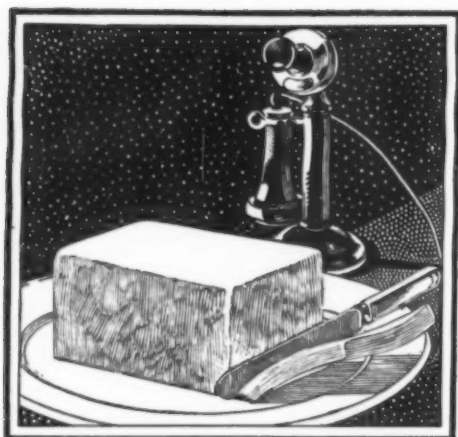
The importance of these bank failures has been greatly magnified. The situation in Florida and Georgia is, on the whole, sound, due to the steady progress being made in the substantial things of railroad expansion, railroad traffic, manufacturing progress and agricultural advancement. The whole situation in these states is so sound that optimism, instead of pessimism, should prevail throughout the states and on the part of all people doing business with these states.

In view, however, of the general fear that the failure of these small chain banks might be of significant importance when judged by those who do not know the full situation, the Manufacturers Record, in reply to a request for their views on the outlook in their respective states, received telegrams from bankers, commercial organizations and leading newspapers showing the soundness of the situation in these states and the great progress which they are making, and is publishing a symposium of the replies.

These telegrams are of unusual interest. They are optimistic to the extreme. Their optimism is based on fundamentally sound conditions and on the spirit of enthusiasm and activity which prevails throughout these states. We have rarely published anything more inspiring as to the business outlook than the telegrams which have come from all parts of Florida and Georgia in response to our request for the views of bankers, commercial organizations and newspapers.

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Then LONG DISTANCE sold

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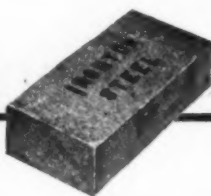
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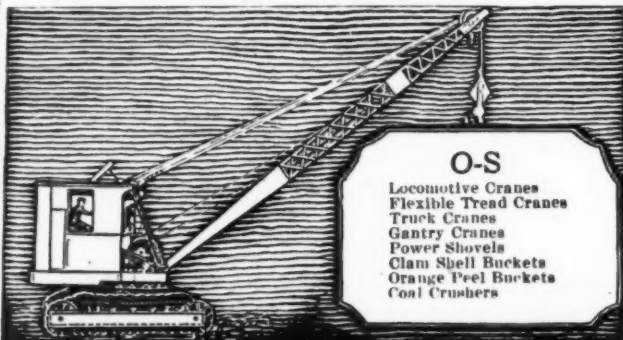
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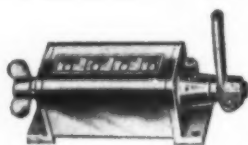
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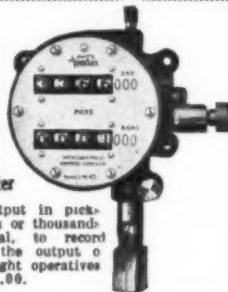
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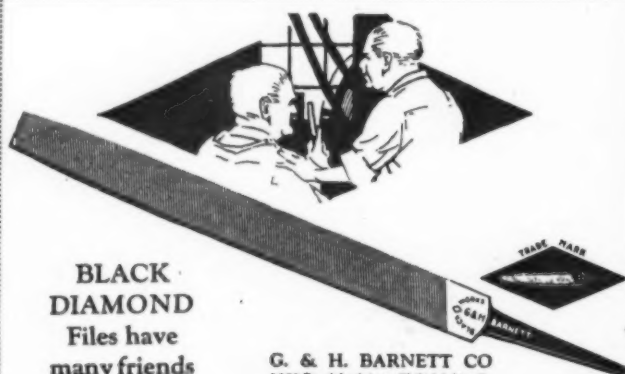
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Manufacturers Record

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of the South and Southwest as the Nation's Greatest Material Asset

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Vol. XC No. 4
Weekly

BALTIMORE, JULY 29, 1926.

Single Copies, 20 Cents.
\$6.50 a Year.

A New Alignment On the Tariff Question.

MANY international bankers and some industrial leaders unwisely, we think, are beginning to advocate the lowering of our tariff, some going even to the extent of favoring almost free trade. These lower-tariff or free-trade interests are very powerful in their influence throughout the nation. They have far-reaching ways of getting their views before the public, generally so skilfully handled that newspaper readers do not realize the influence back of this propaganda.

Over and over again it is said through newspapers and in many other ways that we must throw our markets wide open to the world if the world is ever to pay its indebtedness for our foreign loans made to Governments, cities and individual enterprises. We are told that unless we buy freely of foreign-made products we cannot expect foreigners to buy freely of American products, nor can we expect the repayment of the loans made by American investors and by the Federal Government.

It would be more profitable for this country to see every dollar of indebtedness to the Federal Government, and every dollar loaned by American bankers and investors to foreign countries, wiped out completely than to break down the tariff barrier, which now to some extent holds in check the inflow of goods made at the starvation wages prevailing in Europe and in the Orient. With European wages anywhere from 75 cents to \$1 a day in many lines of industry, while American wages are ten or twelve times higher, and with even lower rates of wages prevailing in the Orient than in Europe, it is possible with improved machinery for these foreign countries to produce goods at a much lower cost than they can be made by American workmen receiving American wages.

To the high wages which prevail throughout our country is due the nation-wide prosperity and progress which has made us the marvel and the envy of the world. We can render no greater material service to the world than to maintain these high wages in order that we may thereby stimulate the working people of all other countries to a gradual but never ceasing demand for wages somewhat commensurate with ours. The world cannot be lifted out of the "slough of despond" by any other means than higher wages to the working people, which would bring about increased consuming power, and secure to the working people and to

all others throughout the world some of the advantages which American workingmen enjoy and which are so largely responsible for our national advancement.

However, the fight against the tariff will be a hot and heavy one. It will be backed by many of the largest financial interests of the country. Around it will rally all of the free-trade forces, enthused by the co-operation of many great business and financial interests which would rather buy the cheaply made stuff of foreign lands than maintain the wages and the prosperity of this country. In this case it will be America against the world, or the world against America, with the world backed by many of the strongest financial forces in this and in all other lands. Our newspapers will be filled with propaganda against the tariff. Many public men will be misled thereby. Millions of men who do not stop to study the situation, reading only these false statements, will join in the campaign for a low tariff or for free trade. It is, therefore, of prime importance that all the forces in this country, North, South, East and West, believing in the necessity of a protective tariff should be at work in hearty co-operation, not only in favor of maintaining our present tariff but even of making the tariff higher than it is at present, wherever that may be necessary to keep our industries at work, our laboring people employed and prosperity advanced, in place of all of these things being broken down by the competition of cheap labor of Europe and Asia.

It is pre-eminently important that the agricultural interests of the West and the South, appreciating this situation, should heartily unite with all who favor a protective tariff for industry and agriculture alike, and through harmonious work let it be widely known that the American system of a protective tariff shall be maintained. There is real danger ahead of us if this be not done. The business and commercial organizations, such as the National Association of Manufacturers, members of the Iron and Steel Institute, the cotton-mill people of the North and of the South, the lumber people and all others who believe in protection, should be steadily at work putting before the public the actual needs of a strong protective tariff if our country is to be saved from a financial and industrial breakdown.

Free trade in this country has always meant low wages, a long bread and soup line stretching across the continent and bankruptcies almost without end. Free trade or a lower tariff at any time in the next few years would do even more harm, if that be possible, than any low tariff of the past.

TO HONOR ARCTIC FLYERS.

IN "considering plans to honor and reward" those bold adventurers who flew over the North Pole, the Aerial League of America will strike a responsive chord in the being of all America. The age of adventure has not wholly passed. In spite of the fact that our pioneers of gun and axe have flung far back the geographic frontiers that once were so near the centers of civilization; that our pioneers of test tube and microscope have flung equally far back the frontiers of knowledge that once were within easy intellectual reach of the man in the street; in spite of the fact that the conditions under which the great majority of us live have been pretty thoroughly sterilized of all germs of adventure, a love of adventure still persists as an incurable malady with most of us. Every fresh evidence of the fact discovers more evidence among men of all callings, men who are least adventurous in their daily lives. Editorial writers seldom miss an opportunity to shout gleefully, "After all, the age of adventure has not passed!"

Nor will it ever wholly pass. The love of adventure is too deeply rooted in human nature. In some of us it is only a flickering spark that merely glows a little more brightly at the telling of another's adventure; in some it is a leaping flame that will not be quenched. In some it is satisfied by the commonplace thrill of occasionally "stepping on the gas"; in others it demands greater hazards. All of us, bold or timid, delight in the telling of magnificent exploits, and delight, correspondingly, in honoring the heroes of those exploits. The world is still ringing with the acclaims given to the latest of its great adventures, the two flights over the Pole, and America will join wholeheartedly in a suitable program to commemorate their heroes.

One detail of the plans of the Aerial League of America has been announced. The league has been collecting editorials and cartoons of the flights, has now over 2000, and is now gathering expressions of appreciation of the great adventure from prominent people all over the country. All of these it plans to make into a book, of which only six copies will be printed. One copy will be given to Commander Byrd, three to the leaders of the Norge flight—Amundsen, Ellsworth and Nobile—one to Library of Congress and one will be preserved in the archives of the League. A more appropriate memorial of their achievement would be difficult to conceive. It is easy to imagine how those four men and their families will prize their volumes; how even more highly, probably, their posterity will treasure them, handing them down from generation to generation as a priceless heritage—an incontrovertible proof of the greatness of their forbears. Few men are able to leave so fine a legacy—so clear a record of intrepid courage and unwavering devotion to a great idea.

A CORRECTION.

THE MANUFACTURERS RECORD, in referring in its issue of July 8 to a statement by the Better Business News, printed the following:

"The advertising columns of our publication are often as interesting as those devoted to news, articles and stories, particularly at this time of the year."

It should have read—

"The advertising columns of our publications are often as interesting," etc.

In a letter from the National Better Business Bureau, Inc., they call our attention to the misquotation, which is evidently a typographical error. The reference to the interest which advertising columns afford the general reader was in regard to the periodical press as a whole. Their own publication, Better Business News, does not carry advertisements.

We are glad to make the correction.

HOW TO SECURE BEST BIDS ON EQUIPMENT OF ALL KINDS.

The Seeley Company,
Power Equipment.
Piping Contractors.

Atlanta, Ga., July 16.

Editor Manufacturers Record:

We are in receipt of yours of the 12th inst., inquiring as to whether or not any benefit was derived from the publicity given us in recent issues of your publication, and we are very pleased to advise that considerable benefit was received through this source, in so far as unheard-of concerns to us proceeded to communicate with us, and in most every case we sent them our requirements for prices.

One outstanding feature of this publication was that we had a great many cast-brass flanges to purchase, and upon communicating with one of the concerns given us by you, the same being, incidentally, a Philadelphia manufacturer, we received prices considerably under those at which we could purchase locally or nearby; this will effect the saving of several thousand dollars and only to your help can this saving be attributed. Therefore, we wish to thank you kindly for your assistance, and beg to remain.

THE SEELEY COMPANY, INC.,
S. T. SEELEY, President.

Here is an illustration of the value of the news published by the MANUFACTURERS RECORD in its Construction Department and in its Daily Bulletin. This news brought the Seeley Company into contact with a large number of people ready to supply the material they desired, and which they were able to purchase at a saving of several thousand dollars; this they attribute wholly to the information to be found in our Construction Department and Daily Bulletin.

This is simply one illustration of the many thousands that are constantly occurring where builders and contractors of all kinds, manufacturers and others, who want equipment of one kind and another, are brought into direct touch with the makers and sellers of these things, and are thus able to secure the best information and the lowest bids in a competitive market of this kind.

There are some thousands of business men who could make use of the information published in our Daily Bulletin to their great profit who are not yet on our subscription list. If they are active, energetic, live people who want to increase their business, the way to do it is to subscribe to the Daily Bulletin and to follow up closely the information published therein in regard to building operations of all kinds, new financial and industrial operations, machinery wanted and everything else of that character.

FLORIDA SHOWS THE WAY.

UNDER the above caption the following figures, sent out from Florida, show that in 1926 the people of a considerable number of states of the Union paid smaller per capita Federal income taxes than did the people of Florida:

Florida	\$27.19	Louisiana	7.17
New Jersey	26.00	Virginia	6.88
Pennsylvania	19.50	Texas	6.54
Ohio	17.00	North Carolina	6.45
Missouri	14.11	Kentucky	5.60
Colorado	12.10	Iowa	5.17
Minnesota	11.40	Tennessee	4.52
Wisconsin	10.33	Georgia	4.44
Kansas	8.89	Nebraska	4.11
Indiana	8.32	Alabama	3.33
Washington	8.02	Arkansas	2.50
Oklahoma	7.50	South Carolina	2.44
West Virginia	7.33	Connecticut	1.92

But Florida is unique, drawing, as it does, on the wealthy class of at least two-thirds of the other states for its population. In a different way, in the concentration of capital in New York city—New York is unique, for it draws upon every other state in the Union and on most of the world for its income. The per capita income tax paid in New York in 1926 was above \$50.

Bankers and Others Wire of Prosperous Conditions in Georgia and Florida.

A Remarkable Symposium Radiating Sound Optimism As to Business Conditions in These States.

RUNNING through many pages of special telegrams from bankers, commercial organizations and editors of Georgia and Florida are facts and figures which tell a wonderful story of the progress of these states, of the soundness of their business conditions and the remarkable growth they are making in banking, in railroad expansion, in building activities of all kinds and in industrial and agricultural betterment.

Florida has been so conspicuously before the public for the last few years, and its resources and growth have been so broadly heralded throughout the land, that the country as a whole knows something of what Florida is doing and realizes something of its great future, despite the fortunate reaction in town-lot speculation. But less has been heard about what Georgia is doing, for Georgia people and papers, active and aggressive in many ways, have not carried the story of Georgia's activities to the whole nation as enthusiastically and untiringly as have the people and the press of Florida. Nevertheless, Georgia has much of which to boast; not only of its natural resources, which in many respects are almost limitless, but of the magnificent progress which it is making in industry and agriculture. The story of what Georgia is doing, as wired to this paper from many leading bankers, editors and business men, is thrillingly interesting. The very facts in these telegrams, which we are publishing today, will tremendously stimulate the people of Georgia itself to go forward with a still greater campaign of industrial and agricultural progress.

Georgia has been wonderfully diversifying its agriculture. Its peaches, its melons, its tobacco and other diversified crops have been increasing in a remarkable way and adding largely to the prosperity of the farmers, and that means to the prosperity of the whole state. Farm lands, long depressed, are advancing in value. Bank deposits and clearings are steadily increasing. Great industrial enterprises are being located in the state and existing plants are in many cases being enlarged. The outlook for the state, according to these telegrams, was never brighter in all the past and the outlook for the aggregate crop production is the best since 1919.

With the reaction in the hectic town-lot speculative conditions of last year, there went throughout the country the impression that the Florida "boom" had collapsed. If by the "boom" was meant wild speculation in subdivision and town lots, it might be said that the boom has collapsed, and very fortunate, indeed, it was that this reaction came before any serious harm had been done to the permanent interests of that richly endowed state. But if by the statement that the boom had collapsed was meant that Florida's progress

had been stayed, the statement was wholly erroneous. The substantial interests in Florida are going ahead with greater vigor than ever before; building activity is on a larger scale than it was last year; railroads are carrying out the expansion of their transportation facilities; steamship lines are adding many new steamers to take care of Florida traffic; highways are being built, largely through the gasoline tax, though many counties are building through bond issues, thus adding to what the state is doing through the gasoline tax. Among thoughtful people in Florida and elsewhere the reaction of the town-lot speculation has clarified the atmosphere, has made business conditions in Florida much safer and has put the whole state in a position where local and outside investors can go ahead with greater safety and without having to apologize for wild town-lot booming operations.

No thoughtful Florida man could have been otherwise than disturbed last year by the real estate speculation which was brought upon the state largely by outside operators who rushed into Florida expecting to buy property and sell it overnight and clean up a fortune. Many of the substantial business men—bankers, real estate operators and others—realized that this was a dangerous situation and knew that there would be a reaction. Fortunately, the reaction has come, and fortunately it came before the state was permanently injured. Needless to say, many of these outside speculators, buying property with which they were not at all familiar, made in some cases bad investments, while in many cases there is a substantial foundation for much of the increase in values recorded. The real progress of the state is now getting well under way. The pendulum has swung from real estate speculation to permanent upbuilding operations, and to larger agricultural and industrial developments.

It is, therefore, especially important, not only to these states but to the entire country, to learn, according to the testimony of the foremost bankers and others in Florida and Georgia, that the outlook for their prosperity and larger development has never been brighter than at the present time.

It is worthy of special note that the telegrams from Florida lay stress upon the increase of business, except real estate transactions, as compared with last year; the stronger financial position of the banks and the vast amount of building and general construction work under way. It is also worthy of note, and pre-eminently so, to add that the state of Florida on July 1 had cash on hand of \$17,000,000, without any bonded indebtedness against it, a situation which is not matched by any other state in the Union, and with this cash on hand the Governor has just announced another heavy decrease in the rate of state taxation. Moreover, last year

Florida collected nearly \$8,000,000 from its gasoline tax, which is used for highway work, at a cost of only about \$6000. Can any other state in the Union match that remarkable record of a cost so triflingly small as compared with the sum received?

In Georgia emphasis is laid upon the splendid crop conditions, the best, as a whole, since 1919, and the large number of new industries that are being established in the state. One of these industries, announced in a telegram to the MANUFACTURERS RECORD direct from the Pullman Company, is to the effect that that company has purchased large machine shops in Atlanta and will establish a great repair plant for overhauling Pullman cars. A few weeks ago we announced the largest single contract ever made in this or any other country for cotton goods on the part of Western automobile-tire manufacturers with Georgia cotton mills. This contract and the move of the Pullman Company to

locate a big plant in Atlanta are merely indicative of the industrial spirit which is abroad throughout Georgia and the progress which is being made in the development of industries, great and small, in that state.

The telegrams which follow are inspiring. They will quicken new life in Florida and Georgia and stimulate the people of these states to do still greater things, and they will at the same time set at rest throughout the entire nation the sensational reports which were circulated by reason of the reaction in town-plot speculation in Florida and the failure in that state and in Georgia of a number of small banks, most of which were identified with a chain system operating from Atlanta. Some of these banks are already resuming, and probably a large proportion of them will do so in the near future. But the aggregate of their resources and deposits is triflingly small as compared with the banking business of these states.

Throughout Georgia Regnant Optimism, Progress and Prosperity Are in Evidence.

THE BEST CROPS AND THE BEST OUTLOOK FOR BUSINESS FOR MANY YEARS.

Industrially and Agriculturally, Georgia Is in Better Shape Than Ever Before—A Great Business Leader's Optimistic Review of the Whole Situation.

[Telegram to Manufacturers Record.]

Atlanta, Ga., July 23.

Georgia is in the best condition in its history, financially, agriculturally and industrially. The cotton crop this year is expected to reach 1,500,000 bales, a substantial increase over the past several years. In addition, we have the biggest peach crop and the largest watermelon and apple crops in the history of Georgia, and the largest crop of small grains in the past five years.

The recent failure of a number of banks has no real economic significance. Their closing makes no impression upon the financial solidity of the state. As a matter of fact, it is generally believed that practically all of the comparatively few banks which closed will be opened within the next two weeks. All of the banks which closed were small, and all others, according to authoritative information, are in better shape than before. The Atlanta banks are in the best liquid condition in the history of the South. This applies to the vast majority of banks all over Georgia.

One striking evidence of the general prosperity of the state is the fact that many industries, particularly the textile, are working overtime to fill orders. Industrially, Georgia is growing as never before. New industries are rapidly realizing the fact that this state is an ideal location. This applies not merely to Atlanta. Only recently the Brighton Mills located a branch near Rome and the American Thread Company located a factory near Dalton. In Atlanta, after exhaustive investigation, the Sears-Roebuck Company has located a branch office, and the Pullman Company and many others are planning Southeastern headquarters here.

All over the state building permits are increasing, and in Atlanta during the first six months of 1926 they totaled

\$12,472,000, which is \$2,000,000 more than the entire year of 1925.

During the entire year of 1925 83 new business concerns located in Atlanta; during the first six months of 1926 86 new business concerns located here.

There is no reason for any concern about the prosperity of Georgia. Its solidity and growth are assured. The closing of a few small chain banks is insignificant. I am more encouraged than before in years over the general outlook, and glad of the opportunity to say that no section of the country offers better opportunity from every standpoint than the Empire State of the South. The future outlook is greater than ever.

H. M. ATKINSON,
Chairman, Board of Directors
Georgia Railway and Power Company.

New Industrial Enterprises Locating in Georgia, and Business Condition Excellent.

[Telegram to Manufacturers Record.]

Atlanta, Ga., July 24.

The closing of a number of small country banks in one chain in Georgia affiliated with a similar chain of banks in Florida was not due to economic conditions in this state and has had no effect in any of the larger cities or larger banks. The Bankers Trust Company, which acted as financial agent for the closed institutions, was not a bank of deposit and was not under supervision of the State Banking Department. The total resources of all banks closed in Georgia represent only about 3 per cent of total resources of all banks in the state. The general agricultural, industrial and commercial conditions of Georgia are better than in many years. Business is good in Atlanta and a large number of new industrial and mercantile enterprises have recently located here. Ample funds are in Atlanta banks, available at reasonable rates for all legitimate demands. The state as a whole is in excellent condition.

ROBERT F. MADDOX,
Chairman, Atlanta and Lowry National Bank.

Georgia in Better Condition Than Ever Before, With Best Crop Outlook Since 1919.

[Telegram to Manufacturers Record.]

Atlanta, Ga., July 23.

Conditions in Georgia were never more promising. Our crop outlook is brighter than in any year since 1919. Diversification has become the rule throughout the state. The people generally are happy and hopeful.

The failure of a number of small banks, all in one chain, has not made a ripple in any of the larger towns or cities or among the important banks of the state. It should be understood that the Bankers Trust Company of Atlanta, which acted as a sort of fiscal agent for these small chain banks, was not itself a bank of deposit, or under the supervision of the State Banking Department. The banks in this chain were located in the rural districts, were operating on small capital and were under the guidance of the Bankers Trust Company as agent, and the conduct of its affairs is now being investigated by the Grand Jury of Fulton county.

The failure of this chain-banking system is comparable, in effect, with the failure of one fairly large bank through mismanagement and unsound banking methods. The total resources and deposits of the small banks involved represent only an infinitesimal percentage of the banking resources of Georgia, and the collapse has caused not the slightest disturbance in financial, industrial or commercial circles. The financial institutions of Georgia were never in sounder condition. None of the banks involved in the failure was a member of the Federal Reserve system and none was on its par collection list.

Industrially, agriculturally and financially, Georgia is in better shape today than for a decade past. New manufacturers are coming to establish themselves in all parts of the state. Since January 1 there have been more new industries located in Atlanta than ever before in any like period of its enterprising history.

Retail and wholesale business in Atlanta and in other Georgia towns this spring was better than ever before, and the retail business in Atlanta for the first three weeks in July has made a new high record.

It is a pleasure to furnish to the MANUFACTURERS RECORD these facts about the great and growing Commonwealth of Georgia.

JOHN S. COHEN,

President and Editor, the Atlanta Journal.

Splendid Crops of Peaches, Melons and Vegetables.

[Telegram to Manufacturers Record.]

Columbus, Ga., July 23.

I think business conditions in Georgia pretty nearly normal, except on cotton, textiles and leather goods. The recent failures of country banks were confined almost entirely to members of the Bankers Trust Company group of Atlanta, which closed its doors on Monday, July 12. The failure of the parent bank naturally destroyed confidence in its smaller banks throughout Georgia and Florida. Quite a number of these banks will doubtless be reorganized and allowed to resume business. There has been no want of confidence, or trouble of any sort, with other national or state banks not members of the chain of banks referred to.

Our farmers have made wonderfully good crops of peaches, melons and vegetables, and the present outlook for cotton and all grain crops is about as good as we could reasonably ask or expect.

W. C. BRADLEY,

President, Columbus Loan and Banking Company.

Young Men of Georgia Going to the Bat With Enthusiasm.

[Telegram to Manufacturers Record.]

Atlanta, Ga., July 23.

A survey indicates that Georgia's march forward has been only slightly affected by the failure of several chain banks. The financial structure is strong and sound, agricultural prospects and crop conditions are fine, and we are anticipating a steady and solid progress.

Young men in Georgia are taking a keener interest in the civic, industrial and agricultural problems than ever before, and with their enthusiasm, backed by the advice of older citizens, we see a brighter immediate future for Georgia than ever before.

ATLANTA JUNIOR CHAMBER OF COMMERCE,

J. F. GORDY, Secretary.

A Glowing Picture of Progress, Construction Activities and Prosperity in Georgia.

[Telegram to Manufacturers Record.]

Augusta, Ga., July 26.

Georgia is right now in the initial stages of the greatest period of development the South or the country has ever seen.

I frankly believe that there will be a greater industrial and agricultural expansion in the next 10 years than there has been for the past 60 years. Our entire state is being covered by a superpower hydro-electric system just as rapidly as great transmission lines can bring the current from the mountains, while new industries are springing up all over the state, attracted by our incomparable climate, favorable labor conditions, accessibility to the raw product for manufacture, and superb transportation systems, both rail and water.

Georgia is spending \$11,000,000 a year on her highways, and in the next six years \$66,000,000 will be expended, which will give us 2500 miles of connected paved highways. Our great cities are spending large sums for advertising to bring not only new industries but also a large number of farmers from less favored sections of the country to take advantage of our relatively low-priced lands that will produce as many as four crops a year.

Georgia has just harvested the best oat and wheat crop in her history, and is producing record melon and peach crops. The outlook for a good yield of cotton and corn in over two-thirds of the state is excellent, with the biggest tobacco crop on record.

The so-called chain-bank failure is not at all indicative of conditions. This failure hardly created a ripple on the surface of our financial sea. The majority of member banks in the chain were solvent and many had loaned money to the parent banks. Some of these banks have already reopened. The lesson of the failure of the chain-bank system is the need for more rigid banking laws, and some are recommending a state law requiring every bank to insure all deposits.

Georgians are looking forward to a golden future, which is assured because of the limitless resources of the Commonwealth and the indomitable spirit of her people. Let no one get the idea that Georgia is either panic-stricken or demoralized because of the chain-bank suspension. On the contrary, Georgians are vibrant with enthusiasm, brimful of energy and looking forward to a period of growth and prosperity that will double our population in the next 20 years, with the quadrupling of property values.

Georgia is an empire whose vast resources have scarcely been touched. Beneath the surface lie minerals vast in extent and almost limitless in value, while we can furnish

enough kaolin to accommodate the needs of the world and enough building and paving brick to construct a metropolitan city and to pave all of our highways. Our power, our soil, our water and rail transportation and other insuperable advantages are sufficient in themselves to bring outside capital in huge sums, and added to these are our tax exemption of new industries for five years and the absence of inheritance and income tax laws. Can any Commonwealth anywhere match these advantages?

In Augusta we have under construction \$700,000 of residence building, a \$2,000,000 Forest Hills-Ricker Hotel, \$150,000 recreational building at the United States Veterans Hospital, \$500,000 new high-school building and \$2,000,000 of highways and street paving in this city and vicinity. One of Bradstreet's representatives recently declared that business in Augusta and Albany, Ga., was better than in any other place in this section of the South.

Augusta is the city with the golden future, and Georgia is the richest in resources of all the states in the Union.

THOMAS J. HAMILTON, Editor Augusta Chronicle.

A People Determined "to Make Their Country the Garden Spot of the World, Agriculturally, Industrially, Religiously, Socially and Financially."

[Telegram to Manufacturers Record.]

Cartersville, Ga., July 23.

Regarding conditions in Georgia, we believe we can say that the outlook for crop yields this fall is as good, if not better, than for several years past. While it is true that the closing of a number of the smaller banks, which were affiliated with the chain system, could not help but have a temporary depressing effect at the time the news was spread abroad, we know that the reaction is already well under way. We believe that the silver cloud behind the happenings of the past few days is the fact that so many of our banks, in a great majority of Georgia towns, have gone right on showing increased deposits from day to day and not the slightest semblance of excitement.

Speaking for strictly local conditions in this section of northwest Georgia, we cannot join any calamity howlers, for our own mines are running at capacity, with plenty of orders ahead to insure their operation for months to come. We have a knitting mill in our community, which has orders booked for every garment they can turn out for the entire season, and already inquiries are coming in for other future deliveries. Another textile plant operating at full time is increasing its housing facilities in order to take care of more operatives who will be added to the company's payrolls, which are today among the largest in this section.

Farmers say they are making more food crops on their farms this year than ever before, and they feel that any damage that may have been done by the cotton flea will be overcome before the growing season ends. We know that inherently conditions will soon adjust themselves, because the foundation on which we stand is as solid as the rock of Gibraltar.

Glad to send you these words of optimism, and a full investigation by you will, we feel sure, convince you and the world at large that Georgia and the South are continuing on the upward grade fully determined not to let the cessation of operation by a comparatively few of the smaller banks stop the wheel of progress or dim the ardor of a people who are determined to make their section of the country the garden spot of the world, agriculturally, industrially, religiously, socially and financially.

J. J. HILL, President, Cartersville National Bank.

Everything in Georgia Indicates Greatest Progress and Prosperity Ahead That State Has Ever Known.

[Telegram to Manufacturers Record.]

Atlanta, Ga., July 23.

Georgia was never in a better condition financially and otherwise than today. Crops are better than for several years and the yield this year will far surpass that of any year since the great war. Farm lands that were depressed as the result of boll-weevil conditions are rapidly enhancing in value, with demands from all parts of the country. The value of the state's tobacco crop this year will be ten times as great as that of five years ago. The melon and peach crops are record-breakers. The boll weevil has been conquered and the cotton crop is approximating normal.

Farmers are lifting mortgages, and are more cheerful than for several years. There is not a business man in the state who does not know that conditions, fundamentally, are better than for a long time, and who does not look for next year to be one of unprecedented prosperity.

The closing of the doors of a number of small-town banks during the past week reflects only the danger that lurks behind a system that tolerates such a condition as is shown to have existed in the administration of the chain whose financial agency was in the hand of a parent organization which was subject to neither state nor Federal supervision. Its operations were known only to its management. Bank after bank was acquired by book entry and with or without cash from the parent bank. The state could inspect the individual banks but not the parent organization. What went on behind the doors of the parent bank will be disclosed by the court investigation now under way. When the parent bank crashed, with a lot of worthless paper on hand and heavy losses incident to speculation, the card house tumbled down. Several of the banks closed out of precaution and have since reopened. Others will do so.

The state will take legislative steps to protect the public from a recurrence. The big banks of the state are far stronger than ever. Not a ripple from the chain crash reached them.

The business outlook generally throughout the state is exceptionally bright. New railroad extensions are under way, new industries are locating here and the tide of new citizens from all parts of the country is touring this way as never before.

CLARK HOWELL, Editor, Atlanta Constitution.

Financial Condition of Georgia Is Sound.

[Telegram to Manufacturers Record.]

Atlanta, Ga., July 23.

The recent closing of a number of small banks located in small towns throughout Georgia does not, in our opinion, affect in any way the general sound business conditions existing in the state. The closing of these small banks was caused by the failure of an institution acting as financial agent for a chain of some 125 banks. The greater number of these banks are believed to be solvent and will reopen as soon as their affairs are readjusted.

The publicity given the closing of these small banks, without explanation of the true situation, has undoubtedly created an erroneous impression and is very regrettable. The financial condition of the state is sound. Crop conditions throughout the state are excellent, the greater cities are prosperous, with labor conditions good, and conditions generally show steady improvement.

ADAIR REALTY AND TRUST COMPANY,
E. A. ERWIN, Executive Vice-President.

Industrial and Agricultural Progress of Georgia Moving Forward Strongly and on Sound Lines.

[Telegram to Manufacturers Record.]

Atlanta, Ga., July 23.

The apprehension which to some extent exists in the North and East regarding the banking and financial situation in Georgia is apparently based upon lack of understanding and on incorrect information concerning conditions in this state. The suspension during the past two weeks of the Georgia State Bank and its branches, and a large number of small banking institutions affiliated with a chain-banking system, has been localized in its effect to the small communities in which the closed banks operated, and in many of such localities the immediate effect of these failures has been minimized by assistance rendered to the communities by stronger and sounder banking institutions operating in them and by assistance which has also been rendered by banks of the larger banking centers of the state. The total resources of the failed banks approximate less than 3 per cent of the banking resources of the state; therefore, their importance, when considered as a part of the banking structure of the state, is very small indeed.

Speaking from the standpoint of the agricultural outlook, general crop conditions have not been better in this state for several years past than they are at present. In a few localities cotton has been damaged by weather conditions or by insect pests, but the prospects for a good crop for the state as a whole give assurance that it will be as large as, or larger than, it was last year.

Industrially, the state is making more rapid progress than at any time in previous history, and there is nothing to indicate that this progress will not continue even more rapidly in the future than it has at any time in the past. Economically and industrially, the state is sound. There has been no inflation of bank loans and no inflated inventories in any lines of business; consequently, banking and general business have not felt, and do not apprehend feeling, any setback of prosperity or of the prosperous and well-ordered development of industry and agriculture throughout the state.

W. D. HOFFMAN,

President, Atlanta Chamber of Commerce.

Progress and Prosperity in Agriculture and Industry Throughout Georgia.

[Telegram to Manufacturers Record.]

Atlanta, Ga., July 23.

The recent closing of 86 small state banks in Georgia, including 21 branch banks, is in no way attributable to general business banking or economic conditions in the state. It is reported that 83 of the closed banks were identified with a single chain for which the Bankers Trust Company, Atlanta, W. D. Manley, president, served as financial agent. The remaining three banks were unable to meet the unexpected demands of depositors resulting from the uneasiness attendant on the closing of those banks identified with the chain system.

There is at present a sound spirit of confidence throughout the state, and further banking difficulties of consequence are neither expected nor likely to occur. There are 532 state banks and branches and 83 national banks in Georgia. Records of the Comptroller of the Currency and of the State Banking Department as of December 31, 1925, show the total deposits of all Georgia banks on that date to be \$399,760,983.20. The total deposits, as of the same date, of the banks now closed were \$12,831,111.30, or only 3.2 per cent of the total deposits. It is a significant fact that the closed banks do not include a single national bank and only one member

of the Federal Reserve system. The effect of the suspension will be neither severe nor widespread; some institutions will be reopened. The banks of the state are amply able to care for the requirements of the merchant, manufacturer and farmer.

The business and economic situation has never been more favorable for the state as a whole. Crops, of splendid promise, are within 30 to 60 days of maturing. Peaches, melons and truck crops are being marketed now in good volume and at satisfactory prices. The tobacco markets open in 21 south Georgia cities on August 2, and both production and grade are excellent. Immediately following tobacco the harvesting of cotton and peanuts begins. These crops are in fine condition, and a continuance of satisfactory weather conditions will insure yields better than in any of the five preceding years. The corn, small grain and other food crops are in equally good shape.

Commerce and manufacture are quite as promising. Merchandise distribution continues at unusually high levels during the usually quiet summer season. Manufacturing in all lines is active, and there is no unemployment.

The building permits in cities are at the usual steady rate which has characterized the growth of Georgia cities for the past two years. Farm land values continue their steady recovery, and sales activities in both farm and city property are marked.

Capital expenditures by Eastern and Western enterprises for Southern factories, distribution warehouses, etc., are constantly increasing, and new Southern branch houses are being constantly opened in Atlanta by companies entering the Southeastern market.

Summed up, except for the temporary inconvenience and comparatively moderate losses occasioned by the failure of these small banks, there is not a single factor in the business outlook for Georgia that is not of a favorable nature.

JOHN K. OTTLEY,

President, Fourth National Bank of Atlanta, Ga.

Suspension of Small Chain Banks in No Way Indicative of Business Conditions, Which Are Better Than at Same Time Last Year.

[Telegram to Manufacturers Record.]

Macon, Ga., July 23.

The closing of several chain banks was not a result of financial or business conditions in Georgia, but in spite of the growing volume of business and increasing development. It is indicative of the ever-present danger of chain-bank systems. Bank deposits throughout the state are much higher than a year ago, and prospects for fall business are highly satisfactory. Middle and south Georgia are but slightly affected.

Prospects for cotton and tobacco crops, which will move shortly, are satisfactory, and general diversification, including production of feed crops, is increasing each year. In fact, much of this territory produced last year, and will produce this year, a surplus of feedstuffs.

The volume of retail business in this territory is 10 per cent above a year ago, as reported by department, clothing and shoe stores. Debits to individual accounts, local clearing-house banks, for three weeks in July are 10 per cent higher than same period in 1925. Local bank deposits, as reported at the last call, are 10 per cent higher than one year ago. The closing of several country banks, members of a chain, is not a reflection of conditions in their territory or throughout the state, but resulted entirely from connection with a central financing institution. Several banks have reopened and others will reopen as new connections are established.

C. B. LEWIS, President, Fourth National Bank.

Conditions and Prospects in Georgia Better Than for Years.

The Citizens and Southern Bank.

Savannah, Ga., July 23.

Editor Manufacturers Record:

We feel that the conditions and prospects in Georgia are better than they have been in a number of years. Our farmers are not dependent on cotton for their moneyed crop, as Georgia produces a great many peaches and large quantities of other fruits and vegetables. One of the great moneyed crops in Georgia today is tobacco. The market will open on August 3, and this crop alone will sell for \$8,000,000 or \$10,000,000, possibly considerably more. The cotton crop is in good condition. They have not been bothered with the boll weevil to any appreciable extent, and the indications are that Georgia will make a fair crop. The fertilizer industry is getting in a more stable condition each year. Taking it all in all, there is no reason why we should not look to the future with absolute confidence.

G. L. GROOVER, Vice-President.

The "Empire State of the South" in Better Economic Condition Than Ever Before.

[Telegram to Manufacturers Record.]

Augusta, Ga., July 23.

The economic situation in Georgia today is the best in the history of the state. General business is in no wise affected by the failure of a number of small banks, and the state as a whole is no more financially involved by these failures than it would be had they occurred in South America. The small banks that have closed their doors were forced to take such a step as a result of what is alleged to be a bad system on the part of one central bank.

As a matter of fact, crops in the sections where the failures occurred had already been made and the harvest had not begun. For that reason the farmers and business men in no section of the state are embarrassed.

With building records setting a new high mark, no unemployment problem and the best crops in the history of the state about to be harvested, Georgia's business prospect has never been better and people in all walks of life are highly enthusiastic. Georgia has never more truly been the "Empire State of the South" than it is today.

L. S. ABBINGTON, President, Augusta Board of Commerce.

"General Conditions in Georgia Were Never Better."

[Telegram to Manufacturers Record.]

Savannah, Ga., July 23.

The following statement by the Savannah Clearing-House is concurred in by the Savannah Board of Trade:

"So far as we can learn, there is no uneasiness in Savannah or our immediate vicinity over conditions resulting from suspension of chain banks. The combined capital of all the suspended banks is only slightly over \$1,000,000, which is no figure to be uneasy about. We have heard no expression of pessimism.

"General conditions in Georgia were never better than they are today. All crops are in good shape, and we are apparently going to have a bumper season. Georgia is in better condition today than in many years.

"Many of the chain banks which failed were perfectly solvent and closed only to protect their depositors. They were dominated by the Bankers Trust Company, and the trouble was not caused by any bad conditions in Georgia,

but from improper handling of finances by the defunct concern. Georgia bank deposits are greater, business is better and there is no reason for our people to feel pessimistic. Because of our present prosperous condition, and because of the greatness of Georgia's natural resources, it is fast becoming as well known as of Florida.

"Those people who think conditions are bad will realize in 30 days from now that their optimism of 30 days ago was perfectly justified and correct. There has been a general increase in all lines of business in Savannah, particularly shipping, naval stores, cotton receipts and wholesale mercantile. No Savannah financial institution is affected by recent failures."

SAVANNAH BOARD OF TRADE.

Business at High Level Throughout Georgia.

[Telegram to Manufacturers Record.]

Macon, Ga., July 24.

The failure of a chain of Georgia banks is considered of little importance in this section, due to fact that practically all are solvent and will reopen as soon as examination is made.

Commercial secretaries from all over the state gathered in Savannah last Thursday and Friday and considered the subject of so little moment that no action was taken. The closing will cause temporary embarrassment in small towns served by no other institution, but otherwise Georgia is sound and we look for no ill effects.

Bank deposits, bank clearings, freight shipments, real estate sales and general business are all at high level, with no speculation.

MACON CHAMBER OF COMMERCE.

Solid Strength of Georgia Banking Interests, Big Crops of Fruits and Watermelons and Other Traffic Crowding the Railroads.

[Telegram to Manufacturers Record.]

Macon, Ga., July 22.

The suspension of the 88 banks in what is known as the Witham chain was not due to natural economic conditions. The situation has been explained, but may be rehearsed:

The Bankers Trust Company, which acted as fiscal agent for the banks it had helped to organize, called in its creditors and explained that it was not able to meet its obligations. A grand jury in Atlanta is making an effort to determine the cause of the financial stress of the trust company. It is significant that, as this is written, one of the banks has reopened for business, supported by the largest bank in middle Georgia, so excellent is its condition.

Georgia was never in better condition to weather a strain of this sort. Not a large bank in the state is involved in the failure. Their sworn statements show, without exception, that the volume of business this year, both debts and clearings, has been bigger than at any time in the history of Georgia, with the exception of the inflated period of the war. Local banks have declared somewhat higher dividends, and one of them has entered upon the project of building a 17-story structure.

Georgia has the biggest crops in her history. The peach crop has already passed the 10,000-car mark and is now in the Elberta marketing stage. The market slumped for two weeks, but with peaches of better quality, due to scientific methods, than ever in the past, is getting stronger each day. The growers will make a good profit on the year's business.

The watermelon crop was large, too large for good handling, but it was a source of revenue. The tobacco crop, of higher grade than ever before offered, comes in on August 3

and will be marketed over a period of a month. Last year it brought something like \$10,000,000 to the growers.

Georgia suffered a drouth last year that was rather intense in the northern part of the state, without any great financial stress. This year, with no drouth, the state will harvest its biggest cotton and corn crops. Farmers generally have planted more clover and feed crops this year, and it is not at all improbable that Georgia will considerably reduce her outflow of gold to feed merchants of other states. The pecan business in the Albany district is a source of considerable revenue to the state and is a rapidly growing industry.

Business conditions generally are much better than they have been in some time. New industries are coming into Georgia, under the spur of Georgia business men, to take advantage of the natural resources. That is illustrated in the textile and clay industries. The MANUFACTURERS RECORD carried recently the account of the \$100,000,000 tire-fabric contract obtained by the Hightower interests at Thomaston in this territory.

Railroads report the heaviest business in their history. Statements of the Southern, the Central of Georgia, the Seaboard Air Line and the Atlantic Coast Line, principal operators in this state, show bigger haulage than last year, even when the Florida movement was at its height. The record for handling of freight cars was broken in the Macon terminal three times within the past week. The Central of Georgia Railway alone handled more than 4000 freight cars in a 24-hour period through the Macon yards. That occurred twice in one week.

EDITOR, MACON TELEGRAPH.

Conditions in Georgia Are A-1, and State Going Ahead Steadily.

[Telegram to Manufacturers Record.]

Savannah, Ga., July 22.

Mills B. Lane, president of the Citizens and Southern Bank, one of the largest and most influential banks in the South, gives the following impression of the banking situation in Georgia:

"Quite a number of small banks throughout the state have gone out of business in the last day or two. All of them, however, belonged to one system, and that system was not properly handled, due largely to the financial agent making loans to corporations and subdivisions in Florida which are unable to pay at this time, or to individuals pledging securities of such corporations and subdivisions.

"A great many of the banks belonging to this system were well managed locally and would have had no trouble whatever in getting all the financial assistance they needed, but their financial agent, unfortunately, had loaned their funds on doubtful, and in some cases perhaps worthless, securities.

"As to conditions in Georgia: I have been in the banking business for a number of years, and the state never had better prospects than at this time. Many of our diversified crops have just begun to move, such as peaches, watermelons, cantaloupes, tobacco and big-stem Jersey potatoes, and present indications are that we will be marketing a large crop of cotton in less than thirty days."

THE MORNING NEWS.

Florida Doing More Business (Except Real Estate), More Building, More Highway Construction Than Ever Before.

REMARKABLE SHOWING OF WORK AND BUSINESS ACTIVITIES AND OPTIMISM.

Florida Bankers and Conservation Upbuilders Always Opposed to the Hectic Real Estate Speculation—1926 Promises to Be Far More Prosperous Than 1925.

[Telegram to Manufacturers Record.]

Jacksonville, Fla., July 23.

Florida is in the process of removing the obstacle of wild speculation preparatory to the development which her commercial, agricultural and pleasure potentialities warrant. The period of spectacular trading in real estate was not invited by the best interests of the state, and, whether the rest of the nation realizes it or not, the cessation was deliberately encouraged by those who live here and who have been closely associated with the real development of the state.

Generally speaking, the banks which have closed were involved in the frantic period of speculative activity and dependent upon its continuance for their existence. Banks which have observed the fundamental principles of banking are in most prosperous condition and by every accepted economic barometer the future of Florida is assured along the most extensive lines.

As far as Jacksonville goes—and this city is the pulse of the rest of the state—for the first six months of 1926 records were established over the same period of 1925 in bank clearings, deposits, postal receipts, construction and wholesale and retail business, and all indications are that 1926 will be a more prosperous year than 1925.

The period of hectic speculation has passed forever, we hope. Today Florida is giving more thought to a comprehensive

realization of her pleasure, commercial and agricultural assets than ever before, and amazing progress has already been made.

Florida's future is brighter today than ever before in her history, and an optimistic outlook, based upon economic facts, is a general characteristic. The state is just entering the stage of enduring development. Her strides during the next decade are going to cause her to continue as a national subject of interest.

JAMES R. STOCKTON,
President, "Believers in Jacksonville."

A Careful and Correct Diagnosis of the Whole Florida Situation.

[Telegram to Manufacturers Record.]

Ocala, Fla., July 23.

Recent occurrences in Florida may have given superficial observers some concern for the future. Only those, however, whose observations are superficial and casual in the extreme have seen any cause for alarm. It is certainly known to all well-informed people that no Florida bank has ceased to function by reason of any fault of Florida herself. Unfortunate crop failures elsewhere led to the withdrawal from Florida banks of large sums of available cash in the case of a certain chain of banking institutions. Several of the chain banks which suspended operations for a brief time have already resumed business. Just one national bank in the state suspended and it is again doing business.

Florida's resources are too many and too substantial for

any continued depression in business and financial matters. The abiding faith in Florida of some of the greatest corporations in the country is unshaken. The tremendous extensions of trackage undertaken by the Seaboard Air Line, the Frisco, the Atlantic Coast Line and the Florida East Coast Railways have never been halted; but rather the original plans of these great transportation companies have been materially extended. The Florida Power Corporation, the Florida Public Service Company and the Florida Light and Power Company are going ahead, without even a semblance of halting their program, in the construction of immense power plants and the building of hundreds of miles of high-power lines. The expenditures of the railroads and these power companies alone aggregate tens of millions of dollars.

Legitimate building operations the state over go on apace. As of July 1, 1926, Florida had over \$17,000,000 in its state treasury and not a dollar of bonded indebtedness. Road-building programs are being carried out in a way never approached by any other state. Such tremendous enterprises as the lime-rock industry of Marion county find that their only limit to business lies in the number of freight cars they can secure to carry their output over the vast area supplied thereby.

Winter and spring crops, harvested and marketed, have seldom been better and the prices received by the growers seldom, if ever, more satisfactory. The outlook for the coming season's citrus crop is excellent, with groves and fruit generally in good condition.

The resources of Florida and the investments of great railroad and industrial companies are not dependent upon real estate operations and town-lot speculations. Substantial companies are not induced to buy and build by any motive of speculation, nor are they deterred by temporary decline in the activities of speculations. In a word, this writer believes that no substantial resource of Florida has depreciated by even the smallest fraction. Here real values, permanent and vast, remain, and these real values are appreciating with every passing day.

Banks of this city are all in splendid condition, with \$8,000,000 on deposit and a large proportion in cash reserve.

JOHN L. EDWARDS,
President, Ocala National Bank.

Great Railway Systems Extending Their Facilities, As Are Telegraph, Telephone, Electric Light and Power Companies.

[Telegram to Manufacturers Record.]

Jacksonville, Fla., July 23.

Throughout Florida persons of means and ability are continuing substantial and well-planned developments. The great railway systems are extending their lines and increasing their facilities. The telephone and telegraph companies are still spending large sums to keep pace with Florida's growth and progress. The vegetable and truck crops have been excellent and were well marketed. The citrus crop for the coming season is in good condition.

The transportation companies and hotels are confident there will be a large tourist travel to Florida next winter.

Business is in good condition. Foreign commerce continues to grow and the general prospects are thoroughly satisfactory. The closing of some small interior banks, members of a chain, has not interfered with the progress of the state and cannot affect Florida's substantial prosperity. All of these banks together have not as much capital or resources as any one of a half dozen large banks in Florida.

The faith of men of large means and the financial institutions of the East and Middle West are unshaken in Florida. The present flurry will soon blow over and Florida will resume its normal progress.

FLORIDA TIMES-UNION.

Coollest State in Union Last Week Making Great Progress—Splendid Showing of Whole Business Situation in Tampa Region.

[Telegram to Manufacturers Record.]

Tampa, Fla., July 23.

General business, with the one exception of real estate, has never been better than now in Tampa and its trade territory. Heads of 40 leading mercantile and industrial concerns in Tampa, in as many lines of business, in a survey of local conditions printed in last Sunday's Tribune, reported from their actual records increased business for the first half of the present year over same period last year ranging from 25 to 80 per cent.

The report of the Tampa Electric Company, just issued, covering the same periods, shows an increase of 36 per cent in customers, 160 per cent in kilowatt-hours, 167 per cent in merchandise sales and 27 per cent in street-railway passengers. The Tampa Gas Company reports an increase of 75 per cent in gas consumption.

New constructive enterprises are announced for this section almost daily. Work is progressing on a \$5,000,000 cement plant and the Atlantic Coast Line's great locomotive shops. Announcement is just made on a decision of the Squthern Baking Company to build a \$500,000 plant here. There are more out-of-state automobiles in Tampa today than a year ago, and they bring substantial people, rather than real estate gamblers.

The closing of some small banks affiliated with a Georgia chain has not affected the banks of Tampa, which are receiving daily evidences of public confidence. One Tampa bank, the Exchange National, has doubled its capital stock from \$500,000 to \$1,000,000.

Building operations in this city and vicinity have never halted and this city's substantial progress is unabated. Road construction aggregating \$14,000,000 now is in progress in the state.

Incidentally, Florida this week is the coolest state in the Union, and its citizens and business enterprises are keeping cool and forging steadily ahead.

E. D. LAMBRIGHT, Editor Tampa Morning Tribune.

[Telegram to Manufacturers Record.]

Tampa, Fla., July 24.

Supplements to yesterday's wire figures compiled by Peter O. Knight and published in this morning's Tribune show the total capital and surplus of the small banks which have closed in Florida to be \$780,000, as against total resources of all banks in Florida of \$800,000,000—odds of more than 799 to 1 in favor of Florida.

The Tribune commends and appreciates, and all true Floridians recognize and esteem, the powerful and far-reaching support and encouragement given by MANUFACTURERS RECORD.

E. D. LAMBRIGHT, Editor, Tribune.

Total Deposits of Miami Banks \$110,000,000— Building Activities Go Ahead on Large Scale.

[Telegram to Manufacturers Record.]

Miami Fla., July 23.

According to S. W. Straus' building reports, Miami ranks twelfth in all cities of the nation in building permits for last month. The Federal survey of the United States Employment Service shows labor conditions in Florida satisfactory.

Nearly \$2,000,000 is to be expended for water-system enlargement. Building permits for the first three weeks in June total \$3,500,000. Special improvement bonds issued for Coral Gables, running to nearly \$2,000,000, were received by Wall Street favorably. Over \$1,000,000 of Miami one-year notes sold at 4¾ per cent interest. The total of deposits in

banks approximates \$110,000,000. Southern railroads show increased income approximating 25 per cent. Important industrial and agricultural developments appear and new highways are being built. The first unit of a \$1,000,000 passenger station at Coral Gables has been let to contract.

C. E. RIDDELL,

Executive Vice-President and Treasurer,
Miami Chamber of Commerce.

Millions Going Into Road Construction and Other Building Activities.

[Telegram to Manufacturers Record.]

Orlando, Fla., July 23.

All banks in Orlando are solid and not affected by the recent flurry. Building permits the first half year for Orlando total \$5,200,000. In course of construction are the new courthouse, depot, coliseum, auditorium and Jefferson Court addition; in prospect, Chamber of Commerce, Marshall Theater, First National Bank, Y. M. C. A., new Roberts Hotel, two new apartments and residences. City contractors are working on 82 additional miles of paving, which, when completed, will give Orlando 167 miles of paved streets.

Orange county is building 370 miles of surfaced roads and just finished \$3,000,000 worth of hard-surfaced roads; State Road Department will spend \$1,000,000 rebuilding road No. 2; county voted \$7,000,000 to construct 340 miles 18-foot hard-surfaced roads, making total of \$11,000,000 road-building program.

Farmers of Orange county produced last year \$12,500,000 in crops, which totaled over 7330 solid car shipments; 112 carloads of watermelons shipped this season; poultry industry brings over \$1,000,000 yearly to Orange county; value of school property in Orange county is \$823,500, showing substantial increase. The sum of \$42,000 is to be expended for an advertising campaign during fall months by Orlando and Orange county Chambers of Commerce. Yearly payroll of Orange county industries estimated at \$14,000,000. \$1,250,000 worth of road bonds sold last week by county commissioners at favorable figure; county school bonds sold in total of \$500,000 yesterday at top price to Northern bankers. Great activity in farm development is being shown in Orange county.

ORLANDO AND ORANGE COUNTY CHAMBERS OF COMMERCE,
KARL LEHMANN, General Secretary;
BYRON W. ORR, Publicity Director.

Business Throughout Florida on a Larger Scale Than Last Year.

[Telegram to Manufacturers Record.]

St. Petersburg, Fla., July 24.

The financial situation in Florida is sound, regardless of statements of those who are either ignorant of the facts or knowingly circulate information which will not bear the light of investigation. The fact that some banks affiliated with the chain system of banks originating in a neighbor state became embarrassed and closed their doors does not disprove my first statement.

As a result of a business survey made through chambers of commerce and covering a large part of the state, it was shown that the volume of business transacted in April, 1926, as compared with April, 1925, applied to banking, hardware, restaurants, hotels and garages was from 25 to 75 per cent larger. Total recorded building permits covering past six months in 59 towns and cities of Florida aggregated over \$135,000,000. Ten cities in the state report building permits for the first six months of 1926 covered construction of greater value or cost than for the entire year of 1925.

T. A. CHANCELOR, President, the First National Bank.

Miami Banks in Stronger Liquid Condition Than Pittsburgh Banks—\$75,000,000 to \$100,000,000 Being Expended in Improvements in Southern Florida.

[Telegram to Manufacturers Record.]

Miami, Fla., July 24.

Underlying factors in southeastern Florida are now developing in such a way that this territory, and especially Miami, will be in a position to carry on the greatest progressive movement in the history of this part of the state. Conditions which blocked the normal development of Miami will be all abated when the transportation problems are overcome, and the expenditures of about \$35,000,000 by railroads and by the Federal Government for harbor improvement indicate clearly that the necessary changes will be actualities.

At the present time southeastern Florida is experiencing the most active period in public-improvement work and construction by large corporations at any period in the history of this territory. It is estimated by leading bankers that from \$75,000,000 to \$100,000,000 will have been spent for improvements along the southeast coast of Florida at the end of this year.

Bank clearings show that business in June and July has been more than three times the amount in the corresponding months of 1924. This comparison is made because the summer months of 1925 are considered abnormal in regard to the volume of money passed through exchanges.

All of the banks in this district which closed were either members of the system controlled by the Bankers Trust Company of Atlanta, or were closely allied with the project. In the place of the four banks that closed there probably will be three new institutions, with capital and surplus amounting to four times the aggregate of the former banks. One new bank is now in operation and another will open next week. The third is now in process of organization and financiers have said it will be opened for business within a month. The closings caused very little excitement, and within two days after the last bank closed the incidents were practically forgotten.

Financiers have stated that the large Miami banks are now in excellent condition, probably better than institutions in other parts of the country. A comparative audit of the statements of the three largest banks in Miami with the three leading institutions of Pittsburgh shows that cash, liquid assets and capital stock, surplus and undivided profits of the former are greater in proportion to deposits. The Pittsburgh group, including the Mellon National Bank, the Union Trust Company and the First National Bank, on June 30, 1926, had a ratio of 61.7 per cent cash and liquid assets to deposits, while the three leading banks in Miami had a 69.8 per cent ratio.

An industrial survey of the Miami district disclosed the fact that there are now more than 300 manufacturing plants here, while one year ago there were only 45.

Sales of bond issues for development in the Miami district have amounted to a total of about \$14,000,000 in the last three months. In addition to this influx of cash for public improvement, the Federal Government will expend \$2,370,000 for harbor development this year. While much more money could be spent for necessary improvements, city officials of the communities in the Miami district have exercised restraint and conservatism in order to keep the municipal ideas on a sound financial basis. Bond sales to date have been far better than the charter limitations. The assets valuation of Miami on an approximate 50 per cent basis July 1, 1926, was \$417,000,000.

THE MIAMI HERALD.

Public Improvements in Orlando and in Orange County Will Exceed \$12,000,000—Increased Bank Deposits and Building Operations Indicate Increasing Prosperity.

[Telegram to Manufacturers Record.]

Orlando, Fla., July 23.

The financial condition in the city of Orlando and Orange county is most satisfactory. This is evidenced by the deposits in the five banks in Orlando, which on June 30, 1925, aggregated \$14,750,541.84, exceeding any previous year, and at the close of business last night aggregated \$16,655,383.42, or substantially an increase of \$2,000,000. The building permits as shown by building inspector's office in Orlando for the entire year of 1925 aggregated \$7,993,558, and for 1926, to and including July 22, were \$5,304,990.

The survey of conditions presented to the Orlando Chapter of Associated General Contractors at the Orange and Black Hotel Wednesday night showed 40 per cent increase in building contracts in the Orlando district over the same period of 1925, which was conceded to be the banner construction year in Florida.

There is to be expended in Orlando and Orange county for public improvements an aggregate in excess of \$12,000,000.

Conditions here are normal. The collapse of the Bankers Trust Company of Atlanta, which brought about the closing of a number of its chain banks in Florida, has not affected Orlando and Orange county, with the exception of one small bank in the county with a capital of \$15,000, which closed voluntarily to protect its depositors, because its surplus, \$95,000, was deposited with the Bankers Trust Company of Atlanta.

The normal conditions of business in Orange county have not been interfered with—in fact, the volume of business here shows an increase over a like period of 1925. The reports which we receive from other sections of the state indicate that the disturbance growing out of the closing of the small chain banks in various localities has not materially interfered with the general business of the state, and it is believed that the trouble resulting therefrom is substantially over, comparing the present with past indications of previous seasons.

Based upon inquiries and incoming tourists' reservations for houses and hotel accommodations, it is believed the number of tourists will equal or exceed any previous season. The regard in which Orlando and Orange county are held by the financial world is evidenced by the sale within the last five days of the following bonds: \$500,000 Orlando special tax school district 5 per cent bonds, sold at 97.53; \$230,000 city of Orlando 5 per cent paving bonds, sold at 98.23; \$1,240,000 5 per cent county roads bonds, sold at 97.17. None of these proceeds have been received or added to bank deposit.

W. T. BLAND,

President, First National Bank in Orlando.

The Pendulum Swings Upward in Greater Palm Beach, and Throughout Florida "All Is Well."

[Telegram to Manufacturers Record.]

West Palm Beach, Fla., July 23.

Greater Palm Beach—Palm Beach and West Palm Beach—and Florida today are standing on the threshold of their greatest prosperity. That, in brief, is the attitude toward Florida of the really big financial figures of the nation; that, in brief, is the attitude of the big Northern investors today, local bankers declare.

In a statement given to the MANUFACTURERS RECORD, H. L. Donald, president of the Greater Palm Beach Clearing House Association and treasurer-director of the Greater Palm Beach Chamber of Commerce, vice-president of the First American

Bank and Trust Company, predicted with unqualified enthusiasm that Greater Palm Beach and Florida have definitely "turned the corner". Said he:

"Greater Palm Beach and Florida this year are destined to have one of their greatest tourist seasons. There will be no great activity in real estate other than as regards downtown and high-class residential properties, but lots of money will go into mortgages and permanent improvements. This will mark the beginning of the upward swing of the pendulum. It is our opinion that in Florida the trend henceforth will be ever upward.

"This coming season will see an active demand for moderate-priced homes, and some close-in business lots will be purchased for permanent improvement. Considerable money will be brought in for mortgage bonds and the establishment of wholesale and distributing houses, and industrial concerns will be continued. Then, as I see it, Greater Palm Beach, and virtually all Florida, will cross in a few months the threshold of a 10 to 15-year period of sane, uninterrupted activity and prosperity.

"This period of great prosperity will produce nothing hectic. Instead, every progress will be substantial and molded along the lines of the greatest solidity. Then is when Florida really will begin to awaken—when the world really will awaken to Florida, and Florida really will begin to grow.

"At present the general outlook in Florida is good. Business is moving quietly and normally and any feeling of unrest or uneasiness, as apparent a few weeks ago, has been eliminated and the people are now satisfied and have confidence in the state, its banks and the future. It should be said that the recent banking trouble in Florida is not chargeable to conditions born of Florida and its recent great wave of real estate activity."

Concrete indication of the faith of the great builders and contractors of the nation in Florida and Florida projects was seen here this week when 20 road and paving contractors in some 10 minutes laid certified checks aggregating \$1,000,000 on the table of the City Commissioners as the city received bids on new improvement work. The upshot of this was that on Thursday the city awarded paving and sewer contracts totaling \$4,000,000 to three bidders, work to begin at once.

Meanwhile, Harry D. Tipton, president of the Southern Baking Company, Atlanta, was expected here today to let the contract for the erection of the \$300,000 wholesale baking plant to be established in West Palm Beach.

The general outlook in Greater Palm Beach and in all Florida is bright.

GEORGE F. BENSEL,

President, Greater Palm Beach Chamber of Commerce.

Heavy Increase in All Interests at Daytona Beach.

[Telegram to Manufacturers Record.]

Daytona Beach, Fla., July 23.

The following figures, just completed for new pamphlet now in hands of printer, present a guarantee of stability and soundness of Daytona Beach:

Building permits, January to June, 1925, \$1,128,315; January to June, 1926, \$2,558,125, a gain of 126 per cent.

The business and industrial buildings program totals \$2,383,000; schools, \$608,000; religious and fraternal, \$945,000; hospitals, \$750,000; total buildings and public improvements expenditures for 1926, exclusive of dwellings and apartments, \$10,166,000; school enrollment, 1925, 2064; 1926, 3164; number telephones, 1925, 3071; 1926, 3892; postal receipts, first half 1925, \$59,012.74; first half 1926, \$85,203.97; meters in use, water, 1925, 2000; 1926, 4300; gas, 1925, 2954; 1926, 3941; electric, 1925, 4266; 1926, 5994.

DAYTONA BEACH CHAMBER OF COMMERCE.

The Remarkable Financial and Business Strength of Florida.

Tampa Electric Company.

Tampa, Fla., July 24.

Editor Manufacturers Record:

There has never been in the history of this nation such a concerted effort to injure a state as the present one upon the part of many people of many of the other states to destroy confidence in the stability of Florida and her institutions.

It commenced with the enactment of Congress of the communistic and bo'shevistic Federal inheritance tax, at the insistence of many of the other states, not for the purpose of raising revenue but for the purpose of forcing Florida, against her Constitution, against her will and against her interests, to levy a state inheritance tax, because the administration of the affairs of many of the other states has been so wasteful and extravagant as that those states cannot raise enough revenue to pay their state expenses without a state inheritance tax. And this spite and jealous warfare has been carried on until from one end of the land to the other there is nothing now but misrepresentation of Florida and its institutions.

If the United States were reduced to a cash basis there would not be enough money in the country to pay taxes alone, for the annual tax levy—Federal, state and local—is \$10,000,000,000, whereas there is only \$8,200,000,000 of gold, silver, coin, Federal Reserve notes and moneys of all kinds in the United States. The business of this country is done on credit, not on cash, and confidence alone makes prosperity. If we have great confidence, there is an inflation of credits and great prosperity. Upon the contrary, if confidence is destroyed, we have deflation of credits, depression and sometimes a panic.

And yet, in spite of the thoughtless effort to destroy confidence in Florida and her institutions, the published statements of the banks of Florida upon the call of the comptroller of the currency as of June 30 show these banks to be stronger, more liquid and having more cash resources as against their deposits than the banks of any other state in the United States. It is simply marvelous and astounding.

Only 28 small banks have failed in Florida in six years, as against—

45 in Colorado,
53 in Wyoming,
85 in Kansas,
96 in Missouri,
102 in Nebraska,
140 in Minnesota,
153 in Iowa,
160 in Oklahoma,
173 in Montana, etc.

And of these, 25 which failed in Florida recently belonged to a chain of banks having its head and parent in another state, and their failure was due to causes other than conditions in Florida. And the aggregate of the capital and surplus of the 26 that failed this year was only \$780,000, as against \$800,000,000 of total resources of the banks of this state at the present time. And the total resources of the banks of Florida at the present time are almost four times as great as the total resources of all the banks of the entire 16 Southern states in 1881.

Construction of buildings and other improvements and business generally has been 40 per cent greater for the first six months of this year than for the first six months of 1925, and general business and construction work now is greater than at any other time in the history of Florida at this time of the year. In spite of the false propaganda circulated against Florida, its state finances show Florida to be in a class absolutely by itself. Its state affairs have always been

and are now administered so economically as that we do not have and do not need a franchise tax, nor a severance tax, nor a corporation tax, nor a stock transfer tax, nor a tax on intangibles, nor an income tax, nor an inheritance tax. And we have only three methods of raising revenue for state purposes, to wit:

A gasoline tax,

An occupational tax, and

An ad valorem tax on real and personal property.

And although the property of Florida is worth between \$5,000,000,000 and \$6,000,000,000, it is only assessed for state taxation purposes at the insignificant sum of \$750,000,000. And Florida does not owe a dollar; it does not have any outstanding indebtedness, bonded or otherwise, of a cent, and has \$18,000,000 of idle cash in the state treasury. And during the past two weeks the governor of the state reduced the state taxation 30 per cent. I challenge any state to produce its equal. It cannot be done.

In January of the present year I gave an interview to the New York Evening Post concerning Florida, and while I deprecated the real estate gambling that then existed I predicted that we would have in Florida the greatest year of its history in building, construction work, general development and business. And the figures so far more than confirm my prognostications.

And I predict now, as the detractors of Florida see her marching merrily forward, that they will be heartily ashamed of themselves and that we will have the greatest winter this coming season we have ever had.

Florida now has everything she has ever had except the real estate gamblers, the binder boys, and happily they are gone and, the Florida citizens hope, never to return.

PETER O. KNIGHT, President.

An Amazing Building Activity, With Increase of Big Construction Works, Wharves, Warehouses, Etc.

[Telegram to Manufacturers Record.]

Jacksonville, Fla., July 23.

Jacksonville, the reflector of general conditions in Florida, continues to show phenomenal increases in all lines of endeavor for the first half of 1926 compared to the first half of 1925.

Bank clearings of \$896,000,000 are 52 per cent ahead of 1925. Deposits for June 30 are 10 per cent greater this year than they were last year; resources are 13 per cent greater. Building construction for the first half of this year totals \$10,750,000, of which \$9,500,000 was for new work. Total construction is 197 per cent greater for this year and new work is 227 per cent greater this year.

Jacksonville has spent more than \$4,000,000 for new homes this year and now has in the course of erection more than \$24,000,000 in new structures. These include every type of building, such as banks, hotels, office buildings, churches, factories, docks, railroad terminals, clubs, stadium, airplane-landing fields, warehouses, public and private schools, apartments, reservoirs, stores and pumping stations. Eight of the buildings are from 10 to 18 stories high, and include hotels and banks. Jacksonville public utilities are keeping pace with the present and immediate future needs of the city. The Jacksonville Gas Company has just increased its plant capacity 70 per cent and is now laying 25 miles of new mains; the Telephone Company has an \$800,000 program for extensions and improvements in Jacksonville this year, and the city is spending more than \$2,225,000 on electric light and power extensions and plant additions. The city has also voted a bond issue of \$4,500,000, of which \$2,000,000 will be for water-works, drains and sewers. The Clyde Line and

Merchants and Miners Line are spending more than \$500,000 on dock improvements and additions. Postal receipts first half of this year are \$658,000, which is 31 per cent increase over last year.

Real estate transfers the first half of this year are 9211, an increase of 32 per cent over last year. The number of vessels in and out of port totals 1523 for the first half of this year, which is a 15 per cent increase, and the registered net tonnage for this year is more than 3,100,000 tons, an increase of 11 per cent. This month saw the inauguration of the Merchants and Miners new line between Baltimore, Jacksonville and Palm Beach. Southbound tourist traffic the first half of this year was more than 31,000 automobilists, compared to 21,000 last year, an increase of 49 per cent.

F. H. HOLBROCK,

Statistician, Jacksonville Chamber of Commerce.

Remarkable Construction Activity In and Around Tampa, With Much Highway Work and Many Buildings Under Way.

[Telegram to Manufacturers Record.]

Tampa, Fla., July 23.

Conditions in Tampa territory are reported excellent, with approximately \$20,000,000 of private, municipal and county work under way or definitely provided for. This work includes street and sewer construction in Tampa; road, bridge and drainage work in the county; river bridges, municipal auditorium, municipal hospital and public schools. Private construction includes a seven-story telephone building, big additions to plants and buildings and the systems of the gas and electric companies; yards and shops of the Atlantic Coast Line, port development on the estuary by a big export concern, cement plant, 18-story hotel, 15-story bank building, 12-story office building with the biggest theater in Florida, many warehouses and factories, apartments and homes.

A survey of Tampa, as published in the Tribune last Sunday, showed jobbers, wholesalers and retailers reporting from 20 to 78 per cent increase in business over same time in 1925. Audit company's report on Davis Island, made public last week, showed assets seven times more than liabilities.

On call of June 30 Tampa banks reported: Deposits, \$76,984,714; resources, \$88,648,897.

Building permits for the first six months of 1926 totaled \$11,482,151, against \$6,014,373 for the same period last year. The new Cass street bridge, costing \$400,000, was opened Monday. The new Arctic ice plant, with initial capacity of 120 tons daily production, opened Wednesday. The cigar industry is working practically at winter capacity.

Building trades report practically no unemployment; realtors report marked increase of interest and increasing movement of income properties, commercial and industrial properties, small farms and moderate-price homes in last 15 days.

Hillsborough county in the last few months has sold \$3,000,000 bonds for roads, bridges and schools. This organization now is conducting a survey of the industrial housing situation, and estimates 500 homes for workmen will be needed by January 1, 1927. Careful inquiry among all classes reveals an optimistic tone, lacking two months ago.

Officials of the Tampa Real Estate Board published last week an offer of \$1000 to any organization or responsible individual who can show as a fact any city in the United States of 150,000 population or less having greater and more varied program of development and construction for two years from July 1, 1926, than Tampa.

L. P. DICKIE,
Tampa Board of Trade.

West Florida Sound and Sane and Growing Rapidly.

[Telegram to Manufacturers Record.]

Pensacola, Fla., July 22.

I have not any land to sell and I have heretofore refrained from answering requests for my opinion of the Florida situation. Investments require investigation, and I have uniformly told outsiders, as you have told them and as other conscientious believers in the great future of our state have told them, "If you want to buy anything in Florida, look at it before you buy."

The failure of the chain of banks has simply got nothing to do with intrinsic values; naturally, the failures are a regrettable incident, but I have never favored chain banks, and these failures are not due, as has been reported, to the Florida boom, but to the fact that these institutions unwisely loaned the funds entrusted to them where they could not get the money back when they wanted it paid.

Pensacola, fortunately, is not affected. The deposits in Pensacola banks since July 1 have increased; there are no rediscounts and the cash-on-hand reserves are greater than they have ever been.

The general situation in west Florida is better than normal; real property is higher than it has been and cheaper than it will be. The idea that this state has not attractions and resources which will be enormously developed is silly, as the keenest and most far-seeing business men in this nation and in this state know, if they are engaged in fascinating enterprises, and they are not going to stop. They are not all bent on mere money-getting, for they want their descendants to be called the Children of Empire Builders. To say that these men should lie down like oxen would be like saying the automobile industry should have been scrapped when those who looked upon the dark side of things said that the business should be stopped because it was ruining the country.

Men need incentive to work. There has never been a time when prospects for west Florida were better than they are right now. Instead of being scared off by pessimistic reports, as far as my judgment is concerned, now is really the time to investigate and invest.

E. R. MALONE, President, American National Bank.

Millions on Top of Millions Pouring Into Railroad, Steamship and Other Construction Activities in South Florida.

[Telegram to Manufacturers Record.]

Miami, Fla., July 23.

Florida business conditions have reached the point where conservative investors may go ahead with assurance that values are unaffected by speculative enthusiasm. Established towns and cities have advanced substantially in business and residence properties, as well as public improvements. They are well prepared to care for many thousands of visitors seeking Florida for recreation and health benefits. Industry and agriculture are advancing rapidly. For the most part, towns and cities are conservative in encouraging industrial and agricultural expansion.

Florida, as it is and what it is to be, must be considered as entirely removed from land speculation. During the last few months a number of men of large financial resources have become identified with sound projects and are pushing ahead in a businesslike manner. The Florida Power and Light Company has just sold \$12,000,000 of 5 per cent bonds, a large portion of which will be spent in southern Florida, in and around Miami. This is on top of a recent flotation of \$30,000,000. The Florida East Coast Railway is spending

some \$20,000,000 to complete its track and terminal program. The Seaboard Air Line Railway is spending some \$12,000,000 on the extension from West Palm Beach to Miami. The Clyde Steamship Company is building four ships at a cost of more than \$10,000,000, largely for the New York-Miami run.

The municipal improvement program of this city is over \$8,000,000, and the building permits so far this year exceed \$20,000,000. This does not include Coral Gables and Miami Beach. From Fort Lauderdale south the total expenditures this year will run between \$75,000,000 and \$100,000,000.

There have been some failures of small banks through the state, due, for the most part, to their connection with a chain-banking system. In many instances these failures are being replaced by new organizations of sound capital structure, in line with the general trend toward stabilization.

There is a new Greater Miami today, with splendid business buildings, ample transportation facilities, improved living conditions, reasonable hotel and apartment rentals, abundant housing accommodation and unexcelled educational facilities.

FIRST NATIONAL BANK OF MIAMI.

Florida and Its Banks in Splendid Shape, With a Brighter Future for the State Than Ever Before.

[Telegram to Manufacturers Record.]

St. Augustine, Fla., July 22.

Every class of business in Florida, except real estate, is better than last year, or any previous year. Locally, a recent inventory showed 407 St. Augustine wholesale and retail firms doing from 38 to 356 per cent more business than for the first six months of last year.

Florida is squeezing the water and undesirables out of its real estate industry, and in three or four months this state will be in the best condition from a real estate standpoint, as well as others, it has ever been in. St. Augustine's real estate inflation was of short duration and mild and, with

few exceptions, all property is worth what it sold for the last time.

Florida banks as a whole are in a stronger financial condition than they have ever enjoyed at this time of year. True, there have been a few suspensions during the past 30 days, all in one system, with the possible exception of three, and two of these were closed as the direct result of the suspension of the system banks. The system banks were closed, our State Comptroller has publicly stated, because of the removal of reserves by the system head out of Florida and its inability to return the funds when needed. This does not mean that all the banks in that system are in trouble, many of them being as strong and as well managed as the best banks in any state. The four banks in St. Augustine are taking care of their customers in their usual conservative method, all having large reserves, with ample liquid assets to meet any situation. No system banks here, and there will be no system banks in Florida in the future.

Florida will build 70 per cent more in 1926 than in 1925, and her buildings erected last year totaled \$600,000,000.

Florida built more railroad tracks and put in more railroad and other public utility expansion last year than any other state in the Union has ever accomplished in a similar period, and this work is continuing with renewed energy this year. The Florida East Coast Railroad alone has expended in 1923, 1924 and 1925 \$40,000,000 for improvements, and for 1926 has authorized and is now spending \$21,000,000 for better facilities and improvements. It has not slackened activities in preparing the system for prompt and proper handling of the enormous and rapidly increasing business over its lines.

Florida pays more per capita income tax than 26 other states in the Union, because Floridians earn more. The sun shines as brightly and the soil is as fertile in Florida as it ever was, and the future is brighter.

W. H. NOBLES,

Vice-President, the First National Bank of St. Augustine, Florida's Oldest National Bank; Established 1886.

PULLMAN COMPANY TO INVEST \$1,000,000 IN CAR PLANT IN GEORGIA.

OFFICIAL confirmation has been received by the MANUFACTURERS RECORD from the Pullman Company of press reports that it will establish large car-repair shops at Kirkwood, Ga., a suburb of Atlanta. It has bought from the United States Cast Iron Pipe and Foundry Company 27 acres of land and the plant of the Pratt Engineering Company, and will install therein car reconstruction machinery, in addition to which new buildings will be erected to make the plant complete for the extensive work which it will be required to perform. Buildings will also be provided for the upholstery work and the laundry work necessary for the maintenance of parlor-car and sleeping-car service, and in every way the shops will be complete and modern. There are present 60,000 square feet of floor space at the plant and this will be increased to 110,000 square feet by the new structures that will be built.

The investment that the Pullman Company will thus make in Georgia will reach \$1,000,000, and coming as it does at a time when foolishly pessimistic reports are being spread concerning the suspension of a chain of banks in that state shows that there is no lack of confidence among substantial business concerns elsewhere as to the soundness of conditions. The improvements will be made just as soon as plans and

contracts can be prepared. Actual construction will be in progress very soon.

It is especially important to realize that this new departure by the Pullman Company is compelled by the tremendous growth of railroad-passenger travel in the South. With thirty or more daily trains running in and out of Florida during the season, all of them carrying through Pullman cars, and all other states showing a heavy increase of travel, the demand for a big plant in this section became imperative. Now, this is but a beginning, and as the seasons come and go we may expect to see this initial installation of the Pullman Company soon increase to double its capacity at the beginning, for the substantial developments throughout the South are but in their early stages.

MANUFACTURES FOR FLORIDA.

JOHN H. ADAMS, chairman of the Zoning Commission of Birmingham, in referring to a recent letter about Florida which was quoted in the MANUFACTURERS RECORD of last week, writes:

"That Florida has started in manufacturing and mineral development is shown in your issue of July 8 by the statement of the Florida National Bank, 'Though there are now 436 industrial plants in Jacksonville with a present estimated annual production of \$100,000,000,' this can be more than quadrupled in Jacksonville and in other sections of Florida when the 'new spirit abroad in the land' seeks out and transforms the sleeping mineral treasures into commercial things of every-day use."

PROGRESS OF SAN FRANCISCO UNDER THE AMERICAN PLAN.

WHEN San Francisco threw off the shackles of organized labor's demand for the closed shop and declared that any man who wanted to work and was capable of holding a job could do so, union labor said that was the end of San Francisco's growth, for no construction could be carried out without union-controlled help.

Time has proven otherwise, for under the title "Graphic Proof" the Industrial Association of San Francisco has issued an illustrated pamphlet showing the representative buildings which have been constructed in that city under the American plan. The picture this pamphlet unfolds is a complete refutation of union labor's claim that no building work can be successfully done unless organized labor does it.

The right of free American artisans to work for anyone was denied unless they first joined the union, and anyone who wanted to build was at the mercy of an organization which was getting bolder and bolder in its demands. It is history now as to how the situation grew so bad that the citizens of San Francisco and free labor felt compelled to free themselves from the dictates of union labor. Reviewing what has been accomplished, the Industrial Association states that:

"Five years ago (and for a quarter of a century previous) San Francisco was viewed unfavorably by investors, fearful of risking large sums of money in a city so continually and extensively disturbed by industrial strife. During the past five years hundreds of millions of dollars have flowed into San Francisco as a result of the security afforded by the American plan.

"Five years ago it was almost universally believed that it was impossible to erect a large building with American plan crews of mechanics. Today San Francisco's skyline stands as a living refutation of that statement. Buildings as fine as the mind of man can conceive, as perfect as the hand of man can execute—\$221,236,782 worth of towering skyscrapers, splendid hotels, magnificent apartment houses, beautiful residences, and all built during the period of the American plan, July 1, 1921, to March 1, 1926.

"More than 20,000 buildings erected in the past five years under American-plan conditions. What a record this is!"

San Francisco is said now to be one of the freest cities in point of industrial relations in America. Its great volume of construction under the American plan has furnished security, regular work and fair wages to labor, prosperity and peace to their families in a degree never before known in San Francisco. What a contrast this picture is to the industrial strife which formerly prevailed!

The American plan, or open shop, as opposed to union closed shop, has changed that city beset with industrial strife to a community prospering under the blessing of a comparative industrial peace. Many other cities throughout the country are awakening to the realization that we cannot have a free country unless we have a free worker and a free citizenship and a free community, all links in the chain of freedom. Whenever a union agitator asserts that the unions control labor and that there are no competent and efficient workers outside of unions, he should be reminded of what San Francisco and many other places are doing in building greater cities under the American plan, which enables every man to secure work who is capable of filling his job.

BLIND.

F. H. HUGGINS, service manager of the Pelzer Manufacturing Company, of Pelzer, S. C., in the course of a letter to the MANUFACTURERS RECORD, writes:

"Any man who refuses to see the great benefit from Prohibition in textile communities is very, very blind."

A GREAT PRINTING PLANT.

FLEET-McGINLEY, INC., which for more than forty years has printed the MANUFACTURERS RECORD, has recently been purchased by the MANUFACTURERS RECORD and some of its officials. That printing house, long established at 32 South street, Baltimore, has now leased considerably over a half an acre of space on one floor of the Candler Building, and is preparing to remove its entire plant to the new location.

In addition to printing the MANUFACTURERS RECORD, Fleet-McGinley, Inc., does a large amount of printing for local and out-of-town concerns and is recognized as a leading catalogue and publication house.

In laying out the new plant, the most modern machinery will be employed, and it promises to be a worth-while addition to Baltimore's list of enlarged and modernized enterprises. The company has a 40-year established reputation for high-class work, and in its new plant it will have exceptional facilities for turning out promptly every class of printing. The MANUFACTURERS RECORD invites its friends everywhere to give to Fleet-McGinley, Inc., an opportunity to estimate on their printing of every character.

THE SPIRIT WHICH BUILDS.

GEORGE F. BONSEL, president of the Greater Palm Beach Chamber of Commerce, in the course of a letter to the MANUFACTURERS RECORD says:

"If we can get Florida and other parts of the South to get away from the one industry—tourists—and to go to work developing its agricultural resources, manufactures and other income-producing businesses will follow. Florida must go to work, and the people here intend to do it."

It would be a serious mistake for Florida or any other Southern state to depend upon its tourist business, however important that may be, or upon real estate sales for permanent prosperity. Diversified and successful agriculture, diversified and successful manufacturing and the steady growth of foreign and domestic commerce through Southern ports are three of the outstanding developments to which the South must pay attention. These are the things on which to build permanent prosperity. Such prosperity can be built only by hard work, and we trust that in every section of the South hard work will be given to the advancement of agriculture, of commerce and of manufactures.

A PLACE WHERE FARMERS ARE PROSPEROUS.

S. J. HIGH, president of the Peoples Bank and Trust Company, Tupelo, Miss., in expressing to the MANUFACTURERS RECORD his appreciation of a recent editorial showing what his bank and others are doing for the advance of the agricultural interests of the South, writes:

"We very much appreciate the fact that you think enough of the work that we are doing in this county to write an editorial about it, and really the situation in this county is unusually strong. It is the best I have seen in my 30 years' banking experience.

"For 10 years we have been hammering on 'Pigs, Poultry and Jersey Cows on Every Farm, Selling Cream, Chickens and Eggs, Fertilizing Your Land, Raising Your Food and Feed, and More Cotton on Less Acres'—our slogan—and we are getting increased results each year.

"We are getting letters from all over the country asking about the plans the banks in this county have adopted to promote dairying.

"I want to take this opportunity to express my appreciation of the very strong and able editorials in your paper and also the many articles of interest.

"The South is the stage of action now, and if we will 'watch our step' we can make our prosperity permanent."

The Alleged Indebtedness of the European Allies to the United States.

[Dr. Richard Heath Dabney of the University of Virginia, in the following letter to the Manufacturers Record, discusses the alleged indebtedness of the Allies to the United States. Dr. Dabney's position is in exact harmony with the views constantly expressed by the Manufacturers Record. His letter should be read by every honest and honorable American who wants to see the honor of America maintained.]

Secretary Mellon's recent attempted defense of the debt settlements with the Allies is pitifully weak. Surely the case on the part of the United States Government must be weak indeed when Secretary Mellon can present no better arguments than given in his recent announcement.

A leading Baltimore banker in a letter to the Manufacturers Record on this subject said:

"In fully appreciating the embarrassment of Mr. Mellon's position in seeking to placate both those within and without his own camp, and in feeling that if both he and Mr. Coolidge could give honest expression to their own personal feelings, which I firmly believe are in harmony with Mr. Peabody's ideas, I none the less am glad to know that some one has been able to smoke out a spokesman of the Administration and wring from him an admission that an effort has been made to carry water on both shoulders, with the usual result. Our country, as a matter of political and partisan expediency, has for five or six years been sowing dragon's teeth and so diligently cultivating the crop as to make it one of great promise in a reaping which fast is being made.

"Be assured that we shall be required to pay the freight, when the rest of the world in having front seats will enjoy watching us wiggle while being fried in our own fat. Incidentally, I should like to know just when a trustee being charged with the conduct of a specific program would think himself to be violating the terms of the deed of trust. Would it be when he had conceded an abatement of 10, 20 or 50 per cent of the demand, or would the same latitude which allowed the offering with 50 per cent concession be given him in conceding 80 per cent. Again, how childish it seems when the very bunch of people who in this country are actually responsible for what is known as public opinion enter a plea that a certain opinion is not in evidence and they themselves have not endeavored honestly to mold it, but have been content for reasons of expediency to yield to the clamor of those guided by demagogues."—Editor Manufacturers Record.]

University, Va., July 18.

Editor Manufacturers Record:

About three months ago you did me the honor to write approvingly of a letter of mine to the New York Times advocating the total cancellation of the debts of the European Allies to the United States, and said that you would be glad to have me express my views on this subject in your columns. Two recent incidents impel me strongly to take advantage of your offer. One is the pathetic march of thousands of maimed, halt and blind French veterans from the tomb of their Unknown Soldier beneath the Arc de Triomphe to the statue of Washington. The other is the statement on July 16 of Secretary Mellon that we have accorded generous treatment to France in the debt settlement agreed upon by him and the French Ambassador. He says we have treated France better than we treated Great Britain. It may be so. But how did we treat Great Britain? How did we treat Belgium? How did we treat Italy?

As a matter of fact, our treatment of all four of these nations has been simply infamous. If anyone thinks this an extreme statement let him go back to the MANUFACTURERS RECORD of September 24, 1925, and read your admirable editorial entitled "Do We Not Owe the Allies More Than They Owe Us?" I would also urge everyone who is desirous of getting at the truth on this question to write to Frederick W. Peabody of Ashburnham, Mass., and ask him for a copy of his recent pamphlet on the foreign debts, in which he powerfully marshals an array of most important

facts that ought to be made known to every American who values the honor and good name of his country.

Preliminary to the discussion of the debt question, we should get rid of the fiction that we went into the World War solely as altruistic crusaders or knights errant in order to rescue the desolate and the oppressed of other nations. Had that been the spirit which animated us, we should have declared war upon Germany as soon as her military steam-roller had crushed little Belgium in brutal defiance of a solemn treaty. As a matter of fact, we tried, some of us—although I confess that I never succeeded in doing so—to be neutral "even in thought." At any rate, we remained neutral in fact for considerably more than two years and a half, and until France, England and Italy were in imminent danger of being crushed, as Belgium had been.

But that was not the reason why we at last stopped writing polite notes of protest to Germany and declared war. We did so because Germany had long been kicking and cuffing and spitting upon us, because she had deliberately sunk our merchant ships, drowned our citizens, insolently informed us that she would permit us to send one ship a month to a single English port, provided that we consented to paint it like a barber's pole to make it easily recognizable by her submarine crews, and because we discovered that she, while pretending friendship for us, had instructed her Minister to Mexico to offer that country Texas, New Mexico and Arizona in return for alliance with Germany, in case the United States should declare war

on Germany. In other words, we entered the war because we were *ourselves* in deadly peril.

From that moment the war was *our* war. Had the armies of the Allies been routed before we could drill and equip our troops, the Germans would have demanded from England, France and Italy, as the price of peace, the surrender of their fleets; and we, left alone, face to face with the mightiest aggregation of military and naval force that the world had ever seen, would have lost our national existence and become hewers of wood and drawers of water for the all-conquering Kaiser.

And what stood between us and that fate? When we declared war we were as powerless as a fat baby would be in a fist-fight with Jack Dempsey. What saved us from the knockout blow? What but the splendid valor of the Allies? For a whole year we had to be spectators from the sidelines while Frenchmen, British, Belgians and Italians were pouring out their blood to keep the Kaiser from our throats as well as from their own. Money we had in plenty. We had been piling it mountain high by selling at tremendous prices all sorts of goods to the men who had been doing the fighting in our stead. Why, then, in the name of all that is decent and honorable, did we not *give* lavishly of this money to the men whose breasts were the only barrier protecting our own from the bullets of the foe? Why, in the name of chivalry and of justice, did we merely *lend* money to these men and force them, in their desperate plight, to sign on the dotted line a promise to pay back the money which they had borrowed from us, and which they had spent in buying from our own citizens the weapons and supplies with which they were defending us as well as themselves from destruction? We lent them money. But what did they give to us? Did they not give us the *lives* of hundreds of thousands of their strongest and bravest young men? Have they put a pecuniary valuation upon these lives and sent us in a bill for the money? They have not done so. But do we dare to assert that our dollars are worth more to us than the precious blood of their young men is to them? If we do, we shall deserve and shall receive the contempt of all mankind.

However, there is a possibility of estimating the pecuniary as well as the sentimental value of an able-bodied young man to his country. Had we been ready to fight when we declared war, and been able to put millions of our soldiers at the front in April, 1917, the war would have ended far sooner than it did; and while more American lives would have been lost, far more French, British, Belgian and Italian young men

would have survived. These survivors would be working today and helping to earn the money wherewith the debts of their countries are to be paid. The debts would be much smaller, since the war would have lasted a shorter time, and the workers much more numerous. We, on the other hand, should have fewer workers and, therefore, less wealth. It is, therefore, clear that the Frenchmen, Englishmen, Belgians and Italians who were killed after we declared war and before we were able to do effective fighting not only saved our national independence but saved us billions of dollars also.

A colonel in the Regular American Army, quoted by Mr. Peabody in the pamphlet referred to above, says that, while we took some small share in the fighting before September 26, 1918, we did not take "a man's part" in it until on that day we, "with allied assistance," captured the St. Mihiel salient. He places a value of \$50,000 on each young man we lost, and states that since 50,000 Americans were killed, our life-cost, expressed in money, was \$2,500,000,000. He also states that, according to a report of the Medical Department of the United States Army, it cost the Government just over three billions to care for our wounded down to June 30, 1925. That makes "the total cost of killed and wounded" \$5,500,000,000. But the colonel continues: "Since the enemy was on the run during the greater part of the period of our active participation in the fighting, it is fair to assume that our losses per month were less than they would have been the first five-sixths of the time and before the enemy had broken. To be conservative, however, let us assume that they would have been the same. Then our losses, in men killed, would have been 300,000 and in wounded 1,200,000—or, expressed in money, \$33,000,000,000. The saving to us, due to our Allies doing our fighting for five-sixths of our war time, is therefore \$27,500,000,000."

According to this Army expert it appears, then, says Mr. Peabody, "that our debt to our Allies is upwards of \$27,500,000,000, three times the amount of the credits accorded them by us, not to mention what we owe them for having saved us in averting a contest between the United States and her enemies alone."

Unfortunately for our unhappy and impoverished Allies, we have not signed on the dotted line any promise to pay this colossal sum to them. But morally we owe it to them none the less. Yet our shallow jesters are cracking jokes about European dishonesty in regard to debts; and our Government is insisting that for 62 years the nations that saved us from serfdom to the Germans shall toil unceasingly in order to put money in the purse of the richest nation that the world has ever seen! Is there not yet time to prevent this infamy? Can we not heed the plea of the mangled veterans at Washington's statue who, over the heads of politicians and profiteers, appeal to the American people?

RICHARD HEATH DABNEY, University of Virginia.

Alumina Cements and Super-Portlands.

By EDWIN C. ECKEL.*

A year or more ago the attention of MANUFACTURERS RECORD readers was called to these new types of cement, which seemed likely to progress rapidly because of their valuable technical properties—quicker hardening, higher early strength and, in the case of alumina cements, resistance to sea water and chemicals.

Today I am writing this brief summary, covering the progress made in the past year or so, together with suggestions as to the lines along which we may expect further future developments.

As a basis for comparison of the results actually achieved to date, we can safely say that in 1918, with the exception of small tonnages of alumina cements being made in France and in Germany for strictly Army use, all the cement supply of the engineer was, in almost every civilized country, a normal Portland cement. The striking results of the French and German Army cements called attention to the value in civil works of the same rapid strengths, and in the eight years since the war the trade development of such new cements, in Europe at least, has been very rapid. After my work in western Europe last winter and spring my conclusion was that in Belgium, France, Switzerland, Germany and Great Britain both types of new cement were firmly established and growing rather rapidly. In France and Belgium, at least, the output in 1925 or 1926 of super-Portlands and alumina cements together must be at least 15 per cent of the total cement output of those countries. Two out of three large companies in France and Belgium are making super-Portland in addition to their normal Portland. In the United States progress has been, for reasons which it is not necessary to discuss, very much slower; this year the total American output of the new cements will hardly exceed 500,000 barrels, or say less than one-half of 1 per cent of the normal Portland production. The contrast is striking and is hardly creditable to American adaptiveness.

So far as effects on other industries are concerned, the two new types of cement are widely different. The super-Portlands, being made by more careful mixing and grinding than ordinary Portlands, use the same raw materials and the same types of machinery that are found in ordinary cement mills. The difficulty in securing a really good mixture with the dry process, however, does tend toward introducing a wet process wherever the intention is to make anything better than common or standard Portland. And the advantage of having a very pure limestone available cheaply, when making the higher-limes super-Portlands, does increase the value of strictly pure limestone deposits somewhat.

When alumina cements are made, the case is different. In all the earlier work along this line bauxite was a necessary raw material, and it is yet whenever the rotary kiln is employed for fusion of the mixture. But when the mix is fused in a furnace, which is the cheaper and more efficient method, a far wider range of raw materials becomes possible. There is, for example, a very obvious economic advantage, along with less obvious but very great technical advantages, in using aluminous iron ores in place of bauxite, with simultaneous recovery of pig-iron. For small existing iron plants the adoption of the new cement process would involve merely cooling and grinding the slag and packing the cement, none of which require heavy capital

investments, and the net return would be, of course, far beyond the average pig-iron profit alone.

Up to the present time the difficulty arising from high silica in the raw materials limited the use of many cheap ores in the manufacture of alumina cements. This difficulty has been overcome, it is confidently believed, in the entirely new process recently patented in this country (U. S. No. 1,591,662) and in foreign countries. The use of excess carbon for reduction of the silica, with the consequent formation of ferro-silicon, represents the maximum economy in the manufacture of the new cements and gives the broadest choice of raw materials. It appeals both to the isolated blast furnace and the ferro-alloy plant, as well as to the ordinary cement mill.

Large Increase in Developed Water-Power in United States in 1925.

The Department of the Interior, through the Geological Survey, has issued a report of the amount of developed water-power in the United States as of January 1, 1926. This report shows that the capacity of water-wheels in plants of 100 horsepower or more on the first of this year was 11,176,596 horsepower, an increase of 1,138,941 horsepower, or about 11.5 per cent since March, 1925.

The total capacity in horsepower of water wheels in water-power plants in the United States for different years was as follows: 1908, 5,339,391; 1921, 7,926,958; 1924, 9,086,958; 1925, 10,037,655; 1926, 11,176,596. In the 17 years since 1908 the capacity of water-wheels in water-power plants has more than doubled.

California, for years second in amount of developed water-power, is now the leading state, with 1,834,980 horsepower in water-power plants, and New York, with 1,750,391 horsepower of water-wheels drops to second place.

The following table, based on data published by the Geological Survey, shows for different years the rank of the 10 leading states leading in developed water-power:

RANK OF THE TEN LEADING STATES IN DEVELOPED WATER-POWER FOR DIFFERENT YEARS.

	1908	1921	1924	1925	1926
States	Rank	Rank	Rank	Rank	Rank
New York.....	1	1	1	1	2
California.....	2	2	2	2	1
Maine.....	3	4	4	6	7
Pennsylvania... 4	5.4	..	..	..	..
Massachusetts.. 5	4.9	6	3.8	10	3.4
Oregon.....	6	4.3	..	..	..
Wisconsin..... 7	4.1	7	4.2	7	4.1
South Carolina.. 8	3.9	8	4.2	8	5.1
Michigan..... 9	3.8	..	..	..	..
New Hampshire.. 10	3.4	..	..	..	..
Washington.....	..	3	5.7	3	5.6
Alabama.....	..	..	..	..	4
North Carolina..	..	9	4.2	5	4.7
Georgia.....	..	10	3.5	7	4.0
Montana.....	..	5	4.3	9	3.6
Total.....	61.5	66.9	68.1	68.1	67.9

Watermelon Festival in Arkansas.

The first annual watermelon festival of southwest Arkansas will be held at Hope on August 12, with a program to be featured by band concerts, parade, pageant, coronation of queen of the festival, address by Congressman Tilman B. Parks, watermelon feast, baseball game, old fiddlers' contest and other attractions. The festival will be held under the auspices of the Hope Chamber of Commerce.

*Mr. Eckel is one of the leading authorities in the United States on Portland cement and iron ore.

SEMI-ANNUAL SURVEY OF REAL ESTATE MARKET.

Building Program Catching Up With Demand, Except in South.

A diminishing shortage of buildings, with an increasing number of cities reporting overbuilding, stabilized residential rents in all except the largest and smallest cities, and fluctuation in the rentals of business property, with widely scattered centers of real estate activity, characterize the present real estate market as it is analyzed in the semi-annual survey by the National Association of Real Estate Boards from data supplied by real estate boards in 181 cities.

The situation as indicated by these reports is supported by data collected independently by the National Association of Real Estate Boards from the offices of county recorders, members of the American Title Association and real estate boards secretaries, giving the number of transfers and conveyances recorded from month to month. The average number of transfers and conveyances recorded in the cities studied during the month of May was 63 per cent greater than the average number recorded during the same month in the period 1916-1923, which is the period whose record is taken as the norm of the association's calculations. Preliminary reports indicate a high index for June.

Forty-two per cent of all boards reporting indicate that the market is less active than it was at this time last year. Twenty-eight per cent reported the same degree of activity and 30 per cent indicate a greater degree of activity. Half of the cities reporting from the Southeastern section, which includes the states of Georgia, Florida, Alabama and Mississippi, indicate a falling off of the market. More than half of the cities in the Pacific Coast states and all cities in Canada report a more active market.

A more active market is also indicated by reports from 40 per cent of district boards, by 38 per cent of cities under 25,000 and by 25 per cent of the cities between 200,000 and 500,000. Sixty-seven per cent of the cities over 500,000 indicate that the market has fallen off since last year.

PERCENTAGE OF CITIES REPORTING VARIOUS DEGREES OF ACTIVITY IN THE REAL ESTATE MARKET, CLASSIFIED BY SIZE OF CITIES AND BY SECTIONS, COMPARED WITH JUNE, 1925.

Section and size of city	More active	Same	Less active	
Total 181	30	28	42	
North Atlantic	10	26	64	Fallen off
Central Eastern	17	58	25	
South Eastern	25	25	50	Fallen off
South Central	58	17	25	Improved
Great Lakes	30	27	43	Fallen off
North Central	21	29	50	
Mountain States	50	10	40	Improved
Pacific States	47	36	18	Improved
Canada	100	..	..
Cities over 500,000	11	22	67	Fallen off
Cities between 200,000 and 500,000 ..	25	42	33	
Cities between 100,000 and 200,000 ..	18	27	55	Fallen off
Cities between 25,000 and 100,000 ..	28	28	44	Fallen off
Cities under 25,000	38	25	37	
District boards	40	20	40	

There is little change in the reports regarding residential rents. Eleven per cent of all the cities reporting indicate that residential rents are increasing. Sixty-five per cent indicate stationary rents and 24 per cent report the tendency down. The figures for June, 1925, were 11 per cent up, stationary 70 per cent, down 19 per cent. Again, as in December, 1925, no city over 200,000 population reports that rents are increasing in any type of residential property, but 23 per cent of the reports from district boards indicate increase in residential rents. Fifty-seven per cent of the reports from cities in Canada also indicate increasing rents, as well as 40 per cent of the reports from the South-Central section. The highest percentage of reports of decreasing residential rents comes from the North-Central section.

Forty-two per cent of all the reports indicate that the

rents of central business property have increased, and 30 per cent indicate a tendency for rents of outlying business property to climb. Twenty-one per cent indicate higher rents for centrally located offices and 13 per cent for office space in outlying districts.

The number of cities reporting overbuilding of different types of structure has increased as compared with the total reported. Seventy-four cities report overbuilding in some type of building; 38 cities report overbuilding of single-family dwellings; 42 cities report overbuilding of apartments; 36 cities report overbuilding of business buildings, and 8 cities report overbuilding of all types.

The fact that the building program has caught up with demand is further indicated by the percentage of cities reporting shortage on various types of structure. Only 17 per cent of the reports indicate a shortage of single-family dwellings, 15 per cent a shortage of apartments and 12 per cent a shortage of business structures. In December, 1925, these figures stood at 36, 33 and 34, respectively. The building program is still far behind in the Southeastern section, from which 63 per cent of the reports indicate a shortage of single-family structures, 61 per cent a shortage of apartments and 68 per cent a shortage of business buildings. A very considerable percentage of the cities in the South-Central section also report shortages.

Peanut Grading, Roasting, Cleaning and Shelling.

The Department of Commerce announces that, according to data collected at the biennial census of manufactures, 1925, establishments engaged primarily in the grading, roasting, cleaning and shelling of peanuts reported a total output for that year valued at \$20,328,000, of which \$18,683,000 represent the value of the peanuts treated and \$1,645,000 the value of other treated nuts and of peanut butter, peanut oil and cake and meal, cottonseed oil and cake and meal, fertilizer, etc. The total value of products shows an increase of 11.8 per cent, as compared with \$18,189,000 in 1923, the last preceding census year.

The products of this industry do not include peanuts treated by wholesale grocers and commercial establishments which treat raw peanuts in addition to their other activities. Thus the value of products of the industry is somewhat less than the total value of peanuts treated in the United States during the census year.

Of the 68 establishments reporting for 1925, 22 were located in Virginia, 12 in Georgia, 7 in Texas, 6 in Alabama, 5 in North Carolina, 4 in Pennsylvania, 3 in the District of Columbia and the remaining 9 in six other states. In 1923 the industry was represented by 70 establishments, the decrease to 68 in 1925 being the net result of a loss of 9 establishments and a gain of 7. Some of the establishments lost to the industry were idle or out of business in 1925, and others were assigned to other industries because of changes in the character of their principal products.

The statistics for 1925 and 1923 are summarized in the following statement. The figures for 1925 are preliminary and subject to such correction as may be found necessary upon further examination of the returns:

	Preliminary, 1925	Census, 1923	Per cent of increase
Number of establishments.....	68	70	*
Wage-earners (average number)	1,954	1,492	31.0
Wages	\$963,000	\$748,000	28.7
Cost of materials (including fuel and containers).....	\$17,924,000	\$15,176,000	18.1
Products, total value.....	\$20,328,000	\$18,189,000	11.8
Peanuts, graded, roasted, cleaned and shelled.....	\$18,683,000	\$17,225,000	8.5
All other products.....	\$1,645,000	\$964,000	70.6
Value added by manufacture†	\$2,404,000	\$3,013,000	*20.2
Horsepower	8,730	7,703	13.3

*Decrease.

†Value of products less cost of materials.

Enthusiasm and Optimism Spreading Throughout Georgia.

Atlanta, Ga., July 24.

Communities, large and small, throughout Georgia are joining in a movement to build up the state with a new enthusiasm and a new confidence in the future. Editorials in papers in all parts of the state comment on the recent merger of Georgia public utility properties with the Southeastern Power and Light Company and on the campaign of the Georgia Railway and Power Company to bring new industries to Georgia. State-wide development and prosperity undreamed of a few years ago are predicted by many editors. They say that the advantages of unlimited hydro-electric power, which many new communities have obtained as a result of the merger, will enable these communities to share in the industrial expansion of the state in a way not possible before.

The Georgia Railway and Power Company, in addition to extensive national advertising, maintains a branch office in New York where publicity material and literature about each town on its lines is being distributed to prospective manufacturers and investors.

Some recent editorial expressions in Georgia papers pertinent to the general situation include the following: Athens Banner-Herald—"The contract recently entered into between the Athens Railway and Electric Company and the Georgia Railway and Power Company was a stroke of enterprise on the part of the local company that will result beneficially to this city." In another column of the same paper appears this statement: "Athens will soon have a dream of 42 years realized; our city can now secure manufacturing plants."

"The merger will tend to help Georgia progress more than any one thing transpiring in the state," was the opinion expressed by the Telfair Enterprise of McRae, while the Macon Telegraph said, "The power mergers that are taking place in Georgia are the forerunners of the industrialization of the state, in so far as it is possible to industrialize a state that is essentially and primarily agricultural."

Referring to the sale of the local electric plant in McDonough to the Georgia Utilities Company, a subsidiary of the Georgia Railway and Power Company, the Henry County Weekly described it as "the most important event of recent years to the people of McDonough and Henry county," and added, "This is one of the most progressive steps that has been taken for the welfare of Henry county." The Vidalia Advance quoted a number of editorials from other Georgia papers, each predicting development of its section and the state as a result of increased power facilities. The Ocilla Star said: "The power company promises to help locate industries in Ocilla. That's fine and just what was to be expected. With abundant electric power at cheap rates we must forge forward, and we are going to do it."

Telling of the construction of a \$1,000,000 transmission line connecting the Augusta system with lines of the Georgia Railway and Power Company, the Augusta Chronicle said: "The stage is set right here in Augusta for an era of growth unparalleled in Southern history. Not only has Augusta benefited, but also this entire section." "One hundred and thirty towns and cities in Georgia are now furnished electric power, directly or indirectly, by the Georgia Railway and Power Company. This company is doing wonderful work in developing Georgia's industrial resources," said the Crawfordsville Democrat.

"There is a vast difference in service when there is unlimited money behind the plant and unlimited facilities for

placing new machinery and all equipment necessary to give the best of service," said the Swainsboro Forest Blade in describing improvements in electrical service there since the municipal plant was sold to the Georgia Southern Power Company, a subsidiary of the Southeastern, adding, "There has already been some reduction in rates for commercial purposes and we are given to understand that there will be still further reductions." This editorial was reproduced by the Ashburn Wiregrass Farmer.

The Fayette County Times said: "Fayetteville is looking forward with great pleasure to the installation of electric service by the Georgia Utilities Company, which is a subsidiary of the Georgia Railway and Power Company, and we feel sure that this will do more to develop this section than could be done otherwise." Statesboro is now connected with a strong power system, with large possibilities for future development," said the Statesboro Times. "The wheels of progress are going to spin rapidly," said the Lyons Progress in announcing that its city would soon be connected with the Southeastern system, and further, "Lyons will move forward from a limited lighting system to enjoy the benefits of limitless light, power and heat of the most ideal kind known to man. Yet the cost will be less than the consumer is now paying." "It places Dawson in a position to compete with other towns for industrial enterprises and should add to the upbuilding of the community," said the Dawson News.

"This not only gives assurance of adequate current, but makes possible cheaper rates, a second great inducement to industry to locate within our borders," remarked the McDonough Advertiser, which continued to explain that "prosperity in Henry county depends upon a balance between agriculture and industry; when bad crop years come, as come they will, industry will help keep the affairs of the county in shape." "This is indeed good news to this section," the Oglethorpe Echo of Lexington said. "Having electric power available will enable us to join fully in the progressive era now dawning for Georgia. Already the prospect of having current for lighting and power available has put renewed life in our people. They feel more like our section is on the map."

"That means future developments for this section of the county; we should be on the lookout for local enterprises now, as we could secure power to operate them," the Nicholson correspondent of the Jackson Herald of Jefferson advised its readers. The Albany Herald, which has been active in supporting its community's campaign of national advertising, recalled that "the Georgia Railway and Power Company has recently been doing advertising of a nationwide character, directing attention to the advantages as industrial sites of cities in which the Georgia Railway and Power Company is interested. It is thought that now Albany falls in the latter category, and this city will be given valuable aid in its campaign to bring new industries here."

Other editors touched chiefly on the company's efforts to "sell" advantages of its territory to Eastern capital. The Clarksville Tri-County Advertiser remarked that "This is an opportunity that should be taken advantage of by our citizens." The Winder Times, commending the new activity, remarked that "The Georgia Railway and Power Company is co-operating thoroughly with all cities in its territory in the location of manufacturing plants." The Cartersville Tribune-News said: "We believe the Georgia Railway and Power Company is doing some wonderful things in Georgia and that in their effort to attract new industrial enterprises they should have the fullest co-operation of the public." The

Valdosta Times, reviewing the diversity of Georgia resources, mentioned that "One of the largest power companies in Georgia has recently opened an office in the North, advertising that particular brand of Georgia's resources, and is offering inducements for factories to come to this state. These things are enough to convince anyone that Georgia is at the gateway of a great awakening and that within the next year or two this state is going to accomplish results that will be startling even to our own citizens."

The Madison Madisonian, where city officials are now considering a proposal to sell the municipal electric system to the power company, stated: "The Georgia Railway and Power Company is the greatest single industrial agency in the state and is directed by Georgians who are far-seeing and patriotic. The presence and activity of the company in Madison might prove the beginning of a great industrial era." The Hartwell Sun said that the company is doing more than any other agency to attract new industries to the state.

Clyde Line to Make Palm Beach Port of Call.

Palm Beach, Fla.—Application has been made to the Inlet Commission by the Clyde Steamship Company of New York for the establishment of a freight and passenger service for Palm Beach and West Palm Beach, the purpose of the company being to make this a port of call as soon as dock and terminal facilities have been provided at the local harbor. Chairman Harvey Geer and other members of the Inlet Commission expressed themselves as highly pleased at the action of the Clyde Line, as indicating that this company, as well as other coastal steamship companies, have confidence in the future growth and commercial expansion of these two cities. The Merchants and Miners Transportation Company and the Baltimore and Carolina Steamship Company, each maintaining its home port at Baltimore, have already arranged to establish service here.

New Orleans in Print and Picture.

"New Orleans: Its National Importance" is the name of a large pamphlet published by the Canal Bank and Trust Company of New Orleans, and containing reproductions of a series of advertisements of that banking institution, appearing in the MANUFACTURERS RECORD as well as in some other periodicals. In line with its construction policy pursued since it was organized nearly a century ago the Canal bank continues to devote itself to the welfare of New Orleans. It was organized to dig the New Basin Canal (hence its name), and this was an important fact in the early history of the city. Its advertising campaign, which was mapped out for a year, is described as the greatest ever sponsored by a financial institution in the South, reaching as it does 44,000,000 readers throughout the country. The advertisements are illustrated and reflect credit upon their designers.

To Vote on \$1,250,000 for Seawall.

Bay St. Louis, Miss.—Following a conference between the Hancock County Board of Supervisors the Road Protection Commission and J. B. Converse, representing J. W. Billingsley of New Orleans, who has been engaged as engineer by the commission, the Board of Supervisors has called an election for August 10 on a bond issue of \$1,250,000 for the construction of a seawall from Bay St. Louis to Lake Shore. In the event of a favorable vote on the issue, it is planned to connect two miles of seawall, constructed three years ago by the city of Bay St. Louis, with the county system, which will cover practically the entire waterfront westward from Bay St. Louis to East Pearl River.

British Cotton Shipments.

Manchester, England, July 13.

Exports of cotton yarns and manufactures from the United Kingdom during June amounted to £12,767,935 and the total of manufactured articles to £42,212,094, compared with £11,609,042 and £39,073,826 in May and £15,463,728 and £47,718,996 in June, 1925. For the six months ended June the figures were £82,395,230 and £275,452,391, against £104,987,619 and £312,719,530 in the first six months of 1925.

Shipments of cotton-piece goods in June totaled £9,532,285, representing 328,311,000 square yards, compared with £8,967,936 and 304,213,500 square yards in May and £11,823,671 and 337,963,300 square yards in June, 1925. In the six months ended June the exports were £62,411,835 and 2,040,057,600 square yards, the comparative figures for the previous year being £79,290,645 and 2,284,112,500 square yards. The quantities taken by the leading markets and the increases or decreases in thousands of square yards are shown in the table below:

	Six mo. ended June, 1926.	Compared with six mo. ended June, 1925.	
		Increase	Decrease
Bengal, Assam, Bihar and Orissa	514,337	117,301	.....
Bombay	229,373	.....	70,986
China (including Hongkong)	105,160	.....	9,361
Australia	82,202	.....	3,544
Dutch East Indies	71,606	.....	27,235
Egypt	70,290	.....	50,655
Switzerland	62,491	.....	882
Argentine Republic	59,297	.....	19,395
British West Africa	58,236	.....	7,644
Straits Settlements and Malay	.....	.....	1,055
States	39,627	2,360	.....
British South Africa	36,093	429	.....
Germany	33,823	1,592	.....
Burmah	32,629	.....	2,255
Foreign West Africa	32,595	.....	.....

The cotton yarns shipped in June were valued at £1,922,679, the weight being 14,442,600 pounds. In May the figures were £1,355,894 and 10,579,000 pounds, and in June, 1925, £2,225,407 and 13,272,800 pounds.

During the six months ended June the exports were £11,487,626 and 87,905,600 pounds, compared with £16,462,934 and 96,815,500 pounds in 1925. The following table gives the weights in thousands taken by the principal customers along with the increases or decreases:

	Six mo. ended June, 1926.	Compared with six mo. ended June, 1925.	
		Increase	Decrease
Netherlands	21,461	.....	4,055
Germany	15,034	.....	13,858
Bombay	4,805	1,582	.....
Belgium	4,159	1,608	.....
France	4,124	1,243	.....
Madras	3,615	1,129	.....
Switzerland	3,759	.....	851
Roumania	2,743	727	.....
Bengal, Assam, Bihar and Orissa	2,434	323	.....
Australia	1,902	399	.....
United States of America	1,820	235	.....
Norway	1,453	50	.....
Brazil	1,286	.....	778
Bulgaria	1,121	.....	737

Additional Hotel Facilities for North Carolina.

The erection of a new hotel at Elizabeth City, N. C., and an addition to the George Vanderbilt Hotel at Asheville is contemplated in plans now being developed. W. L. Stoddart of New York advises the MANUFACTURERS RECORD that he has been commissioned to prepare plans for a community hotel at Elizabeth City to contain 100 guest rooms. The building will be 96 by 120 feet, 9 stories, to be located at McMorine and Main streets. Plans are expected to be issued to contractors about August 15 and bids opened about September 15. C. O. Robinson is chairman of committee handling details of this project.

The proposed addition for the George Vanderbilt Hotel will contain 130 guest rooms, according to Mr. Stoddart, who has submitted preliminary drawings, but it is understood that date of beginning construction is indefinite.

A Petition With 80,000 Signers.

ARKANSAS PEOPLE ORGANIZED TO SECURE REPEAL OF THE FULL-CREW RAILROAD LAW IN THAT STATE.

By TOM SHIRAS.

A petition signed by over eighty thousand voters in Arkansas, asking that a referendum for the repeal of the full-crew law be placed on the ballot and submitted to the people at the October election, was filed recently by nine railroads operating in the state with James Higgins, Secretary of State, at the Statehouse in Little Rock. Only 9000 names were necessary to have the referendum placed on the ticket, but the railroads wanted to test the strength of their contention, and circulated the petition in every county. The 80,000 signers amount to two-thirds of the entire vote cast in the state, and the petition is the largest of its kind ever presented to the Secretary of State for filing. It was also the first time a corporation or corporations ever went direct to the people asking for relief from what they consider an unnecessary and oppressive law.

The companies that are asking for the repeal of the full-crew law are the Louisiana and Arkansas Railway Company, St. Louis and Southwestern Railway Company, Chicago, Rock Island and Pacific Railway Company, Kansas City Southern Railway Company, St. Louis-San Francisco Railway Company, Midland Valley Railway Company, Missouri Pacific Railroad Company, Missouri and North Arkansas Railway Company and Fort Smith and Western Railway Company.

Early in the year 1900, before the adoption of many modern safety appliances, a number of states, including Arkansas,

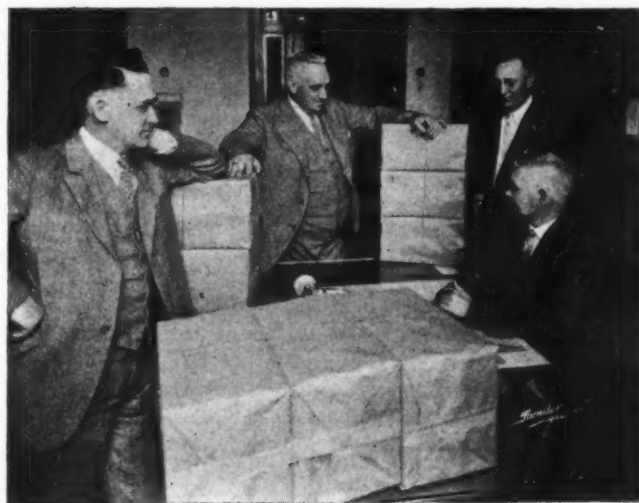
last legislature, but met with no success. The only avenue left them for relief was to take it direct to the people under the initiative and referendum plan, and they began work early this year through a co-operative organization, the results of which were the gigantic petition just filed. The organization work is in charge of C. H. Baltzell, a superintendent in the service of the St. Louis-San Francisco Railroad, which has a big mileage in the state. They are not fighting any organization as such, or trying to get anybody's job, but are put-



ORGANIZATION WORKING FOR REPEAL OF FULL-CREW LAW.
Packages containing petition in foreground.

passed laws requiring the employment of extra brakemen and switchmen. This was during the period of operation when the old link and pin method of coupling was still in effect and when much of the work that is being done automatically now was being done by hand. In recognition of the development made in equipment, legislatures in many states either repealed or modified these laws. Some of the states still have laws regulating operation in some way, but none require the third brakeman called for in Arkansas on freight trains of 25 cars or more, and none compel the railroads to maintain the extra switchmen as required in Arkansas. The companies operating in Arkansas claim that these men are unnecessary, and that the million dollars spent annually in salaries to keep them employed should be going for constructive purposes.

The railroad companies brought this matter up before the



C. H. BALTZELL (Center) DELIVERING PETITION TO SECRETARY OF STATE HIGGINS (Seated) AT STATEHOUSE.

ting the matter up to the voters as a plain business proposition.

Their contention is that because states adjoining Arkansas have no such laws, lines operating in and out of this state are put to much unnecessary expense and that operation is more or less hampered. They give as an example the Kansas City Southern Railway, which follows the western border of Arkansas, weaving in and out of Arkansas, Oklahoma and Texas. Under the operation of the full-crew law, when this road brings a train to the Arkansas line at Noel, Mo., it becomes necessary for an extra brakeman to board the train. He rides the caboose to Watts, Okla., the first station across the line, and gets off. He is not needed in Oklahoma, because that state has no such law. The train goes on from Watts, and enters Arkansas at Mena, where another brakeman gets on and rides to Texarkana, Texas. He gets off there, because Texas has no such law, and the train proceeds to Port Arthur without him.

The railroad companies state that there are many situations like this under the present full-crew law, and that they are wholly unnecessary. They are going to ask the people by direct vote whether they wouldn't rather have them spend the million dollars a year for upbuilding their lines in a physical way rather than to spend it unnecessarily, as they believe they are doing now.

The fact that the petition was signed by over eighty thousand citizens of Arkansas has a significance that bears on other things as well as on this direct question. Besides being a forecast that the amendment will carry by a big majority at the October election, it shows that a large majority of the

citizens of the state are opposed to any laws that hamper industry.

Probably nothing has happened in the history of Arkansas that has given capital such strong assurance that it is welcome and that its interests will be protected.

Nearly Million Cars of Produce Shipped Last Year.

Rail shipments of 38 fruits and vegetables in the United States last year filled 978,927 cars, an increase of about 10,000 cars over 1924, according to Department of Agriculture figures.

White potatoes alone filled 241,528 cars, apples 118,036 cars, grapes 81,865 cars, oranges 57,035 cars, watermelons 44,184 cars and peaches 40,829 cars.

The figures do not include shipments by small boat lines, and by wagons and trucks.

TOTAL SHIPMENTS OF PRODUCTS REPORTED DURING 1925.

Cars		Cars	
Apples	118,036	Lettuce	37,270
Asparagus	1,906	Melons, miscellaneous...	3,654
Cabbage	39,956	Mixed citrus fruit.....	4,860
Cantaloupes	30,168	Mixed deciduous	7,112
Carrots	3,488	Mixed vegetables	32,211
Cauliflower	5,288	Onions	31,073
Celery	21,108	Oranges	57,035
Cherries	2,304	Peaches	40,829
Cranberries	2,014	Pears	21,015
Cucumbers	8,492	Peppers	2,372
Dried apples	1,338	Plums and prunes.....	5,195
Dried peaches	624	Spinach	7,955
Dried prunes	7,927	Strawberries	12,246
Dry beans	17,540	String beans	5,224
Eggplant	367	Sweet potatoes	18,571
Grapefruit	19,933	Tomatoes	28,233
Grapes	81,865	Turnips and rutabagas..	1,709
Green peas	2,707	Watermelons	44,184
Lemons	11,590	White potatoes	241,528
		Total	978,927

To Vote on \$2,000,000 Port Bonds.

Fort Lauderdale, Fla.—This city will vote August 3 on a \$2,000,000 bond issue to meet its share of the cost of proposed harbor improvements to embrace a deep-water harbor at Bay Mabel in conjunction with the city of Hollywood and the J. W. Young interests. Provision for the election is contained in an ordinance passed by the City Commission.

Stipulations of the tri-party agreement entered into by Fort Lauderdale, Hollywood and the Young interests provide that each shall put \$2,000,000 into the harbor project. Hollywood has already voted its share of bonds and it is stated that the Young interests are prepared to guarantee the payment of their share of the cost at any time.

Atlanta Plans Sewer Facilities to Cost \$10,000,000.

Atlanta, Ga.—Plans are being developed by the city of Atlanta for the construction of sewer facilities, involving extensions to the present system as well as building new units, which will involve the ultimate expenditure of \$10,000,000. General work proposed will embrace the design and construction of auxiliary sewers and drains and of disposal works. Engineering details will be handled by William A. Hansell, chief of construction of the city, with Clarke Donaldson as assistant. Bonds in the amount of \$2,000,000 have been authorized for initial construction.

Utilities Company to Erect \$350,000 Building.

Oklahoma City, Okla.—The erection of an eight-story office building here to cost about \$350,000 will soon be undertaken by the Oklahoma Gas and Electric Company, controlled by the Byllesby Engineering and Management Corporation of Chicago. Preliminary plans call for a reinforced concrete and brick building, 80 by 140 feet.

\$300,000 Church Building in Atlanta.

The Peachtree Christian Church of Atlanta is erecting a \$300,000 structure at Peachtree and Spring streets in that city. The first unit, begun last year and consisting of the entire lower story of the buildings, has been completed at a cost of approximately \$100,000. This story contains a Sunday-school auditorium, classrooms and other facilities. The second unit, to consist of the church auditorium and tower, has been started and the third unit, to accommodate the



PEACHTREE CHRISTIAN CHURCH UNDER CONSTRUCTION AT ATLANTA.

Sunday-school department, will be put under construction later.

The exterior of the building will be of limestone with stone trim, and the interior woodwork of oak. Charles H. Hopson is the architect and the Collins Company general contractor, both of Atlanta.

A Fine Book About Brunswick, Ga.

The Brunswick Board of Trade, Brunswick, Ga., has issued a very handsome book about Brunswick and its numerous attractions that appeal not only to business men of all kinds but to tourists, home seekers and to sportsmen who hunt or fish. The region round about presents many opportunities for farmers, and the book will convey to everyone interested the information they desire. The reading matter is entertaining and instructive and the text is enlivened by many handsome pictures that are reproductions of photographs. The two pages in the middle of the book are devoted to a map of Brunswick and the surrounding country. The cover is beautifully done in colors.

New \$1,000,000 Washington Building.

Washington, D. C.—Washington will soon have a new \$1,000,000 building for theater, club and store purposes, a contract for the erection of the structure having been awarded to the R. P. Whitty Company of this city by the Queensberry Corporation. The building will be eight stories, fireproof, with steel frame, concrete and brick foundation, tile and cement floors and flat roof. Milburn, Heister & Co., Washington, are the architects.

Texas' Industrial Future.

In the great Southern empire of Texas the possibilities for development are practically incomprehensible. With its vast area, increasing population and material resources in abundance, Texas is destined to become a great industrial region. In fact, the value of its manufactures is now about equal to the value of its agricultural products, and everyone should know that Texas leads the country in agricultural output. Both agriculture and industry will enormously increase, for vast areas of Texas lands are not yet under cultivation, and its manufacturing development is just beginning to reach a rate of growth commensurate with the state's possibilities and resources.

An inspiring word picture of Texas' industrial future was recently presented by John W. Carpenter, vice-president and general manager of the Texas Power and Light Company, Dallas, who spoke on "The Industrial Possibilities of Texas," before the Waco Advertising Association and the Waco Chamber of Commerce. In his address Mr. Carpenter strikingly outlined a few outstanding facts as to what one may expect in regard to the general development of the state. He said, in part:

"We have the natural resources in Texas for building a prosperous empire of 100,000,000 souls; we have the individual capacities and spirit for that task; we are rapidly developing the co-operation and teamwork which is essential for bringing about this period of growth and development. Only determination and perseverance or "push" is needed by our people, for never before in the history of the state have the opportunities been as favorable for the development of manufacturing industries as they are today. We have long had raw materials, such as cotton, wool, hides, wood, etc., close at hand, but only recently have an abundance of power, excellent transportation facilities and a plentiful supply of intelligent white labor become available. In the field of mineral resources little exploitation has been done excepting for petroleum, lignite, sulphur and marble. Thirty-five or forty minerals exist in Texas.

"Next to the availability of raw materials near at hand, the abundance of electric power which Texas now possesses is the most important factor in creating an era of industrial development that we have ever had.

"Low-grade petroleum, by-products of higher grade, together with natural gas, in all of which Texas is a leading producer, have been and are conducive to cheaper power, but even more so is the seeming miracle which is now being wrought in the utilization of lignite for power generation at the new generating station at Trinidad, in Henderson county, on the banks of the Trinity River. That Texas has at last taken the lead in economic development is attested by the fact that this is the first time that lignite has ever been used on such a mammoth scale. The ultimate capacity of this plant will be 215,000 horsepower, the largest generating station in the Southwest. Within a few days 55,000 horsepower will be available at this station for use over a large section of the state. Radiating from this station, and from the several other generating stations in central, south and west Texas, is a network of transmission lines serving the industries of a large portion of our state. The majority of these lines are interconnected, so that uninterrupted service is assured. From San Antonio on

the south to Denison and Wichita Falls on the north, and from Tyler on the east to Big Spring on the west, these lines are connected.

"In addition to these major factors, Texas has a population of about 5,000,000 Americans, sturdy and intelligent by nature, which is ready to direct this area of industrial development. It also has over 15,000 miles of railroads, serving practically every section of the state. This, incidentally, is a greater mileage than that possessed by any other state.

"Along with this industrial push we must bear in mind the necessity of improving our schools and colleges, of bettering our farming methods, of building more and better roads, of conserving and utilizing our water supply and of developing the other natural resources in which Texas abounds.

"In this day of fast transportation and concentration of people in cities, there is an ever increasing need for more extensive highways than ever before. The people of Texas can, in my estimation, make no better investment than in permanent highways. Aside from the many benefits accruing to the residents in a community possessing good highways—which, incidentally, justify such improvements—highways are one of the greatest advertisements that any state can have. If our highways are good, the people are coming our way, but if they are not, they will go where the roads are good. No greater work is being done by the chambers of commerce of Texas than that directed toward the improvement of our highways.

"Another vital problem which confronts us in our efforts to bring Texas up to its proper rank among the several states is the conservation and proper utilization of our water supply. The benefit to be derived from such development will be reflected in every phase of our prosperity. Such changes will be effected during the next 30 or 40 years that they will astound the modern Rip Van Winkle who has just arisen from a 25 years' slumber. More people? Undoubtedly. The population of Texas will have increased several times. Permanent highways will extend in every direction, as will transmission lines, serving urban and rural communities. This network of transmission lines will be fed from trunk lines extending from Waco south through Temple, Austin to Houston and San Antonio, and on the north through Hillsboro, Fort Worth, Dallas, Wichita Falls, toward Amarillo; a heavy trunk line will go westward from some point in the vicinity of Waco or Hillsboro through Eastland, Abilene and on to El Paso; a line running eastward from Waco through Corsicana by way of the large Trinidad generating station on through Tyler and Marshall to the eastern boundary line of the state. A trunk line will also run to Denison, Paris and serve the cities in northeast Texas. It is not difficult to see large generating stations located near Amarillo, Eastland and some point on the Colorado and at Trinidad generating the bulk of the power used in Texas from gas and oil and lignite obtained from nearby sources.

"Not only will highways and transmission lines attract his attention before he gets to the nearest town, but irrigation ditches and numerous lakes will indicate that scientific agricultural methods are in common use.

"The greatest surprise of all will come when he gets to the first hamlet and is told the story of how electric power, linked with push, has made a new Texas. Among the things he will hear will be that even the small towns have an abundance of power; that electricity is used wherever power is needed, because of its abundance, its efficiency and convenience; that every town of any size has one or more textile mills, and that Texas has in its schools and colleges the greatest in the Southwest."

Secretary Hoover Testifies on Business Dependence Upon Governmental Help.

By GEORGE GARNER.

Although not one of many correspondents contradicts my disclosures in two previous articles that some American business interests are depending too much upon the Government to manage their own affairs, Secretary Hoover now will testify:

That Government regulation and control of private business and industry have penetrated deep into the fields of production and distribution.

That the "bales of laws" of which one correspondent complained are due to the inability of business and industry even to correct known abuses in their lines.

That such legislation has been enacted because the people have lost confidence in the ability or willingness of private business and industry to remedy their own abuses.

That there is now a vast area of Governmental interference and regulation.

That this interference and regulation would be unnecessary if private business and industry could and would manage their own affairs efficiently.

That this dependence of private business and industry on the Government for guidance has created an enlarged and deadening extension of bureaucracy, and is of danger to the nation.

Secretary Hoover himself now will speak:

"There has been, however, a great extension of Government regulation and control beyond the field of public utilities into the fields of production and distribution of commodities and credit. When legislation penetrates the business world, it is because there is abuse somewhere. A great deal of this legislation is due rather to the inability of business hitherto to so organize as to correct abuses than to any lack of desire to have it done. Sometimes the abuses are more apparent than real, but anything is a handle for demagoguery. In the main, however, the public acts only when it has lost confidence in the ability or willingness of business to correct its own abuses."

So spoke Secretary Hoover to the Chamber of Commerce of the United States at Cleveland as far back as May 7, 1924, and conditions have become much worse since then.

In proof of the "inability of business so to organize as to correct abuses," the Department of Commerce recently showed, up to the present, 57 articles in the manufacture and distribution of which Secretary Hoover has compelled tremendous curtailment of waste in the manufacture of unnecessary varieties. As I said in an earlier article, he called representatives of these respective groups to Washington and asked them to "correct their own abuses." Just to cite a few of these at random:

	Reduction in varieties.		Per cent reduction
	From	To	
Hotel chinaware	700	160	77
Files and rasps	1,351	496	65
Woven wire fence packages.....	2,072	138	93
Milk bottles and caps.....	78	10	87
Hollow building tile.....	36	19	48
Blackboard slates	251	25	90
Brass lavatory and sink traps.....	1,114	72	94
Plow belts	1,500	840	44
Sheet steel	1,819	263	85
Leaded shells	4,076	1,758	57
Cafeteria and lunchroom chinaware....	668	177	73
Grocers' paper bags.....	6,280	4,700	25
Dining-car chinaware	700	113	84
Hospital chinaware	700	113	84
Grinding wheels	715,200	255,800	64
Paint and varnish brushes.....	480	138	71
Bed blankets	78	12	85
Beds, springs and mattresses.....	78	4	95
Common brick	44	1	98

Thus hundreds of millions of dollars in waste and in unwarranted cost to the producer, the merchant and the ultimate consumer has been wiped out, not through the busi-

ness efficiency of private business and industry but through an intrusion and dictation by the Government, which old-time American business men would have resented with vigor. But far more depressing is the fact that private business and industry now welcome and seek this "great extension of Government regulation and control into the fields of production and distribution of commodities and credit," as Mr. Hoover put it.

Two points on this line have been raised by correspondents:

1. Would not industries have been accused of violation of the "Restraint of Trade" laws if they had taken such steps on their own initiative?

2. In what way could these private industries have themselves remedied these abuses?

In reply to the first, it may be said that they would not have been guilty of trade restraint if acting on their own initiative any more than they were when acting under Government dictation. Participation by the Government in the breaking of any law neither nullifies that law nor exonerates those who may break it. The fact that the Government participated in and compelled such elimination of waste is in itself proof that no law would have been broken by industry acting of its own volition by itself. And this the great lawyers usually retained by industries and corporations easily could have assured them.

As to the second question: Virtually each industry has its own organization of representatives through which it can act, just as the American people transact their business through their Congress. For these industries to say they cannot conduct their business through their business organizations is just as unwise as it would be if the American people should say, "We cannot transact our own business through our own Congress; we must turn to the League of Nations to run our business for us."

Secretary Hoover resumes his corroborative testimony, this time of the assertion that a great percentage of expensive, oppressive and unwarranted bureaucracy could be obliterated if private business and industry could and would handle their own business:

"A self-governing industry can be made to render needless a vast area of Governmental interference and regulation which has grown out of righteous complaint against the abuses during the birth pains of an industrial world."

First, one will note, there actually is "a vast area of Governmental interference and regulation"; second, this has become nationally necessary because of the inefficiency of private business and industry—let the old-time efficiency be restored and this Governmental "interference and regulation" will, indeed, become "needless."

Secretary Hoover has made another statement which fully corroborates my position. It is:

"The test of our whole economic and social system is its capacity to cure its own abuses. New abuses and new relationships to the public interest will occur as long as we continue to progress. If we are to be wholly dependent upon Government to cure these abuses, we shall by this very method have created an enlarged and deadening abuse through the extension of bureaucracy and the clumsy and incapable handling of delicate economic forces."

No more direct warning to private business and industry and to the people well could have been framed. Continuance of the helplessness of business and industry will, in short time, make them actual, established wards of

the Government, and this guardianship by the Government will breed incalculable national evils through "the extension of bureaucracy and the clumsy and incapable handling of delicate economic forces."

These words of Mr. Hoover are particularly commended to the attention of one valued correspondent, who asserted his belief that "the appropriations to the departments yield 1000 per cent in beneficial returns to private industry." Instead, says Mr. Hoover, indirectly, an overwhelming percentage of these appropriations should be made "needless," and would be if private business and industry could and would measure up to their responsibilities and opportunities.

Let us hear the conclusion of the whole matter. Said William J. Donovan, Assistant Attorney General of the United States, recently to a group of bankers in New York:

"If there is to be a carrying out of the expressed desire of the business man that Government be kept out of business, it is incumbent upon the business man and banker that he so conduct his business that there be no necessity for the intrusion of Government into business."

True, Mr. Donovan was warning against unlawful restraint of trade, but his words are equally a warning to business and industry to "correct the abuses" which the Government now is obliged to correct for them by "an enlarged and deadening abuse through the extension of bureaucracy" because of their "inability so to organize as to correct abuses."

Instead of being destructively critical, this series of articles has been designed to be constructive. "Never offer a criticism unless you have a constructive suggestion to go with it," says Senator Walter E. Edge of New Jersey. In this I have preferred to let Secretary Hoover advance the constructive suggestions, as quoted, in hope that private business and industry may be inspired to loose their hold on Uncle Sam's apron strings and at least fry to toddle along without his paternal guardianship.

Texas Industrial Exposition.

Under the direction of the Texas State Manufacturers' Association, San Antonio, Texas will hold its second industrial exposition at Dallas, October 9-24. It will be a state-wide display of manufacturing, mine and power industries of Texas and its great resources that are awaiting capital for development.

The exposition will be held in connection with the Texas State Fair, which has been in successful operation for 39 years. In explaining why the state fair held annually at Dallas was selected for the exposition, the following announcement is made by the association:

"The people of the Southwest attend this fair each year in great numbers, the attendance having reached within 10,000 of 1,000,000 paid admissions annually. So this year, with our fine crop prospects, splendid business and the prosperous condition of our people, the attendance is expected to go well over 1,000,000. It would not be good business to stage an exposition of the magnitude that the Texas Industrial Exposition is unless the exhibits were seen and studied by great throngs of people during the 16 days of the exposition. Also, in order to stage an exposition of this size all facilities for holding such an exposition must be right. All of these conditions have been found at the State Fair of Texas, and for that reason it was selected as the most logical site at this time for staging the Texas Industrial Exposition. It is a state-wide exposition, where all Texas industries are asked to make exhibits and co-operate in making it a great success."

Texas is rapidly developing into a great industrial state. Since 1900 the value of its manufactures have increased from \$92,894,000 to approximately \$1,000,000,000, or over 10 times in about 25 years, and its annual mineral products output from \$5,295,000 to \$275,000,000.

\$1,000,000 INVESTMENT FOR PULLMAN CAR-REPAIR SHOPS AT ATLANTA.

Plant to Be in Operation in 90 Days' Time and to Employ 700 People.

Atlanta, Ga., July 26—[Special.]—The Pullman Company, Chicago, Ill., has purchased the plant formerly occupied by the United States Cast Iron Pipe and Foundry Company at Kirkwood, a suburb of this city, and will shortly begin remodeling and re-equipping it as a shop for rebuilding, repairing and overhauling Pullman sleeping and parlor cars. It is said that the plant will be in operation within 90 days and that about 700 persons will be employed. While the purchase price was not disclosed, it is estimated that the plant, with the improvements to be made and the cost of new machinery, will represent an investment of close to \$1,000,000.

The site acquired by the Pullman Company embraces 27 acres with frontage on the Georgia Railroad, and is improved with modern shop buildings. The plant was occupied at one time by the Pratt Engineering Co. The company is establishing these shops in the Southeast in the interest of economy and more efficient service. Heretofore, Pullmans in use in the territory, when in need of repairs, were sent to Wilmington, Del.; to St. Louis or Chicago. To this plant will now be sent cars in operation between Washington and all Southern points as far southwest as New Orleans.

Col. W. M. Camp, Southeastern superintendent of the company, in discussing the establishment of the new plant said: "The material development of the South, marked in one way by the influx of people and the constantly increasing travel, foreshadows the demand for greater transportation facilities, and the Pullman Company is planning to meet the demand."

Relative to the foregoing, the following telegram has been received:

[Telegram to Manufacturers Record.]

Chicago, Ill., July 26.

Pullman Company has bought from United States Cast Iron Pipe and Foundry Company 27 acres, buildings and machinery used by Pratt Engineering Company at Kirkwood, an Atlanta suburb. Three months needed to rehabilitate shop, install new machinery, erect and equip new buildings, lay trackage, etc. Old foundry building to be made 14-stall car-repair shop, upholstery and laundry in old and new buildings. Sixty thousand feet floor space in present plant and 50,000 additional will be built. No available information to date as to engineers, contractors, etc.

PULLMAN COMPANY,
JAMES KEELEY.

Plans Ready for \$500,000 Building.

Discussing plans for a new building to be erected at Sanford, Fla., by the Title Guaranty and Mortgage Company of that city at an approximate cost of \$500,000, Elton J. Moughton of Sanford, architect, states that plans have been completed, but that date of opening construction bids has not been determined. The building will be eight stories, or 106 feet, high, 1117 feet long and 57.9 feet wide, the first and mezzanine floors to be occupied by the Title Guaranty and Mortgage Company and the remaining seven floors to be divided into 140 offices. It will consist of a steel skeleton concrete pan type floor slabs, lower walls of limestone or Arnold's Ajax, upper walls of brick with stone trim, and composition, oak and tile floors. The building will be equipped with steel sash, two 350-foot multi-speed electric elevators, steam heat, ice water, mail chutes, sectional and movable partitions, fireproof vaults and vault doors, and cast and wrought bronze door trim.

ACTIVITIES IN TAMPA.

Doubling Capacity of the Wonderful Tampa-St. Petersburg Concrete Bridge.

The Tampa Board of Trade.

Tampa, Fla., July 17.

Editor Manufacturers Record:

Probably you have already noted that work has begun on doubling the width of the Gandy bridge between St. Petersburg and Tampa. The additional width is to be obtained by building another bridge alongside the original, leaving the concrete railing in the middle and making two one-way bridges. Approaches are to be 700 feet wide and paved roadway leading to the bridge proper will be 40 feet wide instead of 17 feet, as at present. More than 3,000,000 cubic yards of sand will be dredged under contracts, on which work has been started, and the expenditure is estimated to exceed \$1,500,000. About two years will be required for the work.

Several interesting facts present themselves in this connection. Despite prophecies of the Jeremiahs that nobody ever would use the Gandy bridge, even if it were built—which it couldn't be—traffic over the bridge in its first year was so great and so profitable that bridge fares were given a sharp reduction, from 75 cents for car and driver and 10 cents additional for each passenger to 50 cents for car and driver and 5 cents for each additional occupant of the car. In this case heavy traffic over the bridge made reduction of rates not only possible but necessary; then the reduced rates made traffic so heavy as to necessitate doubling the capacity of the bridge itself.

The Gandy bridge situation rather accurately reflects conditions in this section of Florida, where general development and construction never has been greater. Besides the Gandy bridge job, the following construction and development projects actually are under way in Tampa: Portland cement plant, A. C. L. shops and yards, two laundries, mayonnaise plant, two ice plants, two fertilizer plants, thermalene gas plant, two fruit-juice plants, municipal auditorium, immense bakery, municipal hospital, hotels, theater, office buildings, four bridges, sewer extensions, water-main extensions, street paving, street widening, central telephone exchange building, electric light and power plant extension, millions of cubic yards of dredging, scores of residences, apartment buildings and small homes.

FRANK G. HEATON, Director of Publicity.

\$250,000 Amusement Spa Near Biloxi.

Biloxi, Miss.—Plans have been completed by Holmhaven, Inc., of which Herbert G. Shimp and O. O. Carpenter, both of Chicago, are president and vice-president, respectively, for the erection of a \$250,000 amusement spa at Holmhaven, near Biloxi. Work on the project, which will be known as "The Plantation," is expected to be started within a few weeks, so the building may be ready for occupancy by Christmas. The structure will be built along architectural lines of the old Jefferson Davis mansion near Holmhaven, a feature to be a glassed-in swimming pool. This will be located in a water-sports room, 80 by 148 feet, the pool itself to be 40 by 105 feet. A supper club grill, 52 by 152 feet, is to be richly decorated and furnished, while a large dance hall will be equipped with a glass floor.

The building will be the first unit of Holmhaven-On-The-Gulf, and will occupy a site 300 by 300 feet on the east beachfront of the development. It will be surrounded by landscaped gardens and, according to present plans, will be operated by Harry C. Moir, owner of the Morrison Hotel, Chicago. George Allen of Chicago is secretary of Holmhaven, Inc., and A. L. Jagoe, Gulfport, Miss., is vice-secretary.

Construction Soon on \$2,500,000 Pier for Carnegie Steel Company.

Houston, Texas.—Work is expected to begin soon on the \$2,500,000 pier, slip and warehouses to be constructed on the north side of the Houston ship channel by the Carnegie Steel Company of Pittsburgh, Pa. Plans for the buildings and wharves have been completed by engineers in the Pittsburgh office of the company, it is said, and C. L. Gillespie, supervising engineer, Galveston, is making final arrangements to begin construction.

Plans call for a pier 1000 feet long, a slip 800 feet long and 175 feet wide, and steel frame warehouses. Decks, aprons and other features of the slip will be of reinforced concrete.

Cotton Report As of July 16.

A United States cotton crop of 15,368,000 bales (500 pounds gross weight) in 1926 is indicated by the condition of 70.7 per cent of normal upon 48,898,000 acres in cultivation on June 25, as estimated by the Crop Reporting Board of the United States Department of Agriculture. This estimate is based upon data from crop correspondents, field statisticians and co-operating state boards (or departments) of agriculture and extension departments.

The final outturn of the crop will depend upon whether various influences affecting the crop during the remainder of the season are more or less favorable than usual. If developments during the remainder of the season are as unfavorable to the crop as during 1921, 1922 and 1923, a total production of about 13,476,000 bales might be expected on the estimated acreage. On the other hand, if later developments are favorable to the crop as during 1924 and 1925, a total production of about 16,628,000 bales might be expected.

Production in 1925 was 16,103,679 bales; in 1924, 13,627,936 bales; in 1923, 10,139,671 bales; in 1922, 9,762,069 bales, and in 1921, 7,953,641 bales.

Condition on July 16 in 1925 was 70.4 per cent of normal; in 1924 68.5 per cent, and for the three years 1921-1923, 68.1 per cent.

If the per cent of cotton area abandoned during this season should be equal to the average of the past 10 years, the area remaining to be harvested in the United States this year would be 47,153,000 acres. Upon that acreage the crop of 15,368,000 bales indicated by the July 16 condition would approximate a yield of 155.8 pounds of lint cotton per acre. The yield in 1925 was 167.2 pounds; in 1924, 157.6 pounds; for the five years 1921-1925, 144.2 pounds, and for the 10 years 1916-1925, 153.7 pounds.

Details by states follow:

State	Area in cultivation June 25, 1926 (Prelim. estimate)	July 16, 1926 P.C.	Condition			
			June 25, 1926 P.C.	July 16, 1925 P.C.	July 16, 1924 P.C.	July 16, 1923 P.C.
Virginia	93,000	71	62	76	54	54
North Carolina	2,057,000	68	63	77	56	56
South Carolina	2,789,000	55	55	71	59	59
Georgia	4,028,000	61	70	74	76	76
Florida	113,000	80	78	82	76	76
Missouri	488,000	79	80	80	65	65
Tennessee	1,191,000	71	72	79	68	68
Alabama	3,787,000	71	78	78	70	70
Mississippi	3,781,000	70	78	83	70	70
Louisiana	1,979,000	71	73	76	66	66
Texas	18,948,000	73	80	56	69	69
Oklahoma	5,160,000	78	78	76	72	72
Arkansas	3,967,000	72	79	85	70	70
New Mexico	132,000	84	80	82	83	83
Arizona	168,000	89	91	94	94	94
California	167,000	99	99	92	90	90
All other	50,000	73	74	79	70	70
U. S. total	48,898,000	70.7	75.4	70.4	68.5	68.5
Lower California (Old Mexico)*	135,000	102	95	110	90	90

*Not included in California figures, nor in United States total.

Water and Truck Transportation in Combination Rapidly Growing in Eastern Carolina.

By GERTRUDE S. CARRAWAY, New Bern, N. C.

As an important result of the good-roads movement in North Carolina, a new method of transportation is being successfully developed at New Bern. Water shipments to the city from Norfolk, Baltimore and other ports are relayed by motortruck from the distributing point to all parts of eastern and central North Carolina. That the section is confronted with an excellent opportunity in the future prospects of the industry is asserted enthusiastically by experts who have carefully considered all conditions. That already the business has grown rapidly during the first few months of its existence is proved by a study of the records.

Two large boats come to New Bern each week from Norfolk, through the Carolina Transportation Company, with cargoes of goods for merchants in different parts of North Carolina. Additional boats come for other companies and from other ports. Charles Syre & Co., brokers, receive bargeloads of sugar by water from Baltimore and cargoes of other commodities from Norfolk and Baltimore. These cargoes are unloaded from the vessels and packed on huge trucks of the Carolina Truck and Transportation Company for reshipment to the various scheduled points. A saving of from 15 to 20 per cent is made for the merchants, it is said, by having shipments thus come by water and truck rather than by rail. Drayage is also saved, as the motortrucks deliver at a consignee's door.

These water and truck developments have come only recently. When Governor Morrison's plan for state-owned ports and terminals was defeated by referendum, New Bern citizens and eastern Carolina organizations decided to try a private demonstration of the project. Emphasis was first laid on the improvement of water facilities. New boat lines were established and merchants were urged to order their goods by water at an estimated saving of from 20 to 30 per cent.

On September 18, 1925, the first load was taken by motortruck upstate, under the direction of L. P. Sutton, manager of the newly organized Carolina Truck and Transportation Company. Only one load went that week, with freight charges of only \$2.05. Since then the business has grown wonderfully. During one week freight charges by truck amounted to \$1750. An average of over \$450 is maintained. Three truckloads of goods, with at least 60,000 pounds of freight, is the average daily from New Bern boats to interior points.

This is the only freight truck transportation company, so far as is known, in North Carolina handling shipments that come in by water. It is chartered by the North Carolina Corporation Commission to do business of a freight, package and express nature in eastern Carolina. A fleet of six trucks and additional trailers is now in use by the company. Varieties of goods are carried from fish to cabbage, oil to automobile tires, ice cream to household goods. The growth in business has been indicative of an important future.

A saving of around \$8000 for eastern Carolinians is estimated from one cargo of 400 tons of canned fruits sent by water from the Pacific Coast via Norfolk, then reshipped by truck to Kinston and Goldsboro. Coca-Cola syrup for almost all towns in the section comes by the boat and truck method at an estimated saving of about \$3000 a year. Standard Oil and Texaco products are also shipped that way for the

entire region. Numbers of large firms are beginning to prefer the plan.

That the water and truck rates are much more reasonable than the old rail rates is proved by statistics. The water and truck rate on sugar from Baltimore to Kinston, N. C., via New Bern, for instance, is 27 cents, whereas the rail rates are 38½ cents, besides having to haul the loads from the freight cars. The rate from New York to Wilmington on 100 pounds of sugar would be 20.3, while the water rate from Baltimore to New Bern is only 11.3. In many cases the merchants are reported to be meeting the lower prices offered by the water and truck dealers. The rail rate on lumber is



A TRUCK EN ROUTE TO AN INLAND CITY.

\$10.60 per 1000 feet from New Bern to Baltimore; the barge rate is said to be \$3 per 1000, a saving of \$7.60 per 1000 feet. As around 50,000,000 feet of lumber went out from New Bern during 1925, it can be seen that a saving of about \$380,000 resulted last year from water shipments of lumber.

Although the main effects of the water and truck shipments will not be evident in statistics until the publication of the 1926 reports, some results were apparent in 1925. During the last year 18,664 tons of vegetable-food products, valued at \$4,377,452, were shipped to New Bern, largely as a result of the new boat and truck lines. These shipments accounted mainly for the increase in the total valuation of shipments at New Bern from \$8,404,927 in 1924 to \$9,343,244 in 1925.

So successful is the new method proving that a gigantic system of through-freight motor trains is being planned to take care of the growing business in eastern Carolina. Around six trucks will be used for nightly trips, each truck to be equipped with several trailers. Each trailer will be loaded with freight bound for a certain city. This will be sealed. As the truck train goes on a regular schedule, the various trailers will be detached and left at the proper destinations, somewhat in the manner of rail box-car freight methods.

A loop system of package and express transportation by motorbus over the good roads of east Carolina is also being considered for the section, with shipping points located at Raleigh, Wilson, Williamston, Goldsboro, New Bern and elsewhere. Regular connections and schedules will be kept by trucks from the different places.

Another plan is for the establishment of the New Bern port as a distributing center for Ford cars. According to announcements made recently by the New Bern Chamber of

Commerce, Ford cars will be shipped here directly by water from the assembling plant at Norfolk for distribution to the Ford dealers throughout eastern Carolina. Formerly Fords came to New Bern in parts by rail. By boat they will come fully set up and equipped. Time, labor and money will thus be saved. The dealers of the section will come to New Bern to obtain their allotments, then will drive the cars at once to their respective towns. About 80 Fords will be received each week in this manner.

The entire industry of water and truck shipments is due to the good roads of North Carolina. Trucks have carried goods beyond Raleigh over paved roads the whole way, except for a short stretch now under construction.

Paved highways lead now from New Bern as far west as Statesville, with only one short stretch of sand-clay road, now being paved; as far east as Morehead City, the entire way to Wilmington and all the way to Bayboro and Vanceboro. The road from Bayboro to Stonewall and Oriental is now being paved. With the present plans of pavements completed in eastern Carolina, there is no telling to what growths the already lusty infant prodigy of water and truck transportation will rapidly expand.

Great Shortage of Cotton Laborers in Texas.

Austin, Texas, July 24—[Special.]—Unless some arrangement is made whereby thousands of Mexicans may be brought across the border to fill the labor shortage upon farms of Texas, much of the cotton crop will probably go unpicked until next year. Farmers in the Lower Rio Grande Valley are already clamoring for cotton pickers, notwithstanding the fact that just across the international boundary stream is a veritable horde of unemployed Mexicans who want to cross over and profit by high prices that are paid for labor.

If the cotton crop of Texas is as large as it now promises to be, the problem of picking it will be difficult to solve. In every part of the state cries for more field help are being heard. The expansion of the cotton-growing territory in northwest Texas has tended to increase the farm-labor shortage. The general use of tractors and other modern equipment has also reduced materially the number of farm hands. Both Federal and state labor-employment agencies are making every effort to provide for labor shortage, but it is generally admitted that it will be impossible to supply the needs of farmers in this respect if cotton production turns out as large as is now expected.

Restrictions which have been placed upon the entry of Mexican laborers both by the United States and Mexican Governments give little hope of relief coming from across the Rio Grande. The head tax is practically prohibitive, aside from other things that the Mexican laborer has to comply with before he can gain lawful entrance to this country. It is expected that prices to be paid this season for picking cotton will range from \$1 to \$1.75 per 100 pounds. In view of the fact that whole families of men, women and children are employed in this kind of work, and that each member can pick from 250 to 450 pounds of cotton a day, it is the most profitable of all farm labor. It is almost impossible, however, to find white laborers who are willing to do this kind of work.

Houston's \$4,000,000 School Program.

Houston, Texas.—An allotment of \$1,000,000 has been made by the School Board for construction work in a \$4,000,000 primary-school building program which has been undertaken by this city. Fifteen schools are included in plans for the expenditure of the \$1,000,000 authorized by the board, including new buildings, additions and remodeling. Harry A. Payne is supervising architect of the Houston schools.

Rail and Water Transportation Rates on the East Coast of Florida.

Mason L. Weems Williams, general manager of the Baltimore and Carolina Steamship Company, in a letter to the MANUFACTURERS RECORD says:

"We have inaugurated a weekly service between Baltimore, Charleston and West Palm Beach, leaving Baltimore every Tuesday. This, with the Friday service between Baltimore, Charleston and Miami, gives the shippers sailings twice a week to Charleston and once a week to West Palm Beach and Miami, and also the passenger and freight service every 10 days from Baltimore and Philadelphia to Miami.

"I quite agree with you in your estimation of Daytona Beach. I note from the class of buildings there that it has made rapid progress. In regard to the jetty and inlet to the harbor which is to be built opposite New Smyrna, there are several other harbors being built along the eastern coast of Florida. At present there is only one deep-water harbor between Key West and Jacksonville, namely, Miami. Palm Beach will have deep water in a short time, but up to the present they have only about nine feet of water.

"We are very much interested in these harbors so far as they pertain to securing shipping, both foreign and coastwise, but not much in favor of them as a means of giving the Interstate Commerce Commission an opportunity to have the rates cut to meet water competition, and if the practice is continued it may not only meet water competition but eliminate it.

"Take, for instance, the rates via the Florida East Coast Railroad from Jacksonville to Miami. They are made up of rates into Jacksonville plus arbitraries or proportional rates from Jacksonville to points of destination. Under application No. 12378 the Interstate Commerce Commission permitted the Florida East Coast Railroad to reduce rates on commodities that were being carried by water to Miami, which is 366 miles from Jacksonville, in comparison with Daytona Beach rates, which is 110 miles from Jacksonville; the reduction in rates seems very drastic.

"The rate, for instance, from Jacksonville via the Florida East Coast Railroad on canned vegetables to Miami is 31 cents, to Daytona 49½ cents; on iron and steel to Miami, 30 cents, to Daytona 42½ cents; on sugar to Miami, 26 cents, to Daytona 42½ cents. So you see that these rates make such an excessive reduction to meet our water competition that if they are further reduced, in a great many instances, water transportation will be a thing of the past as far as the Florida situation is concerned."

\$400,000 Contracts for State Hospital at Raleigh.

Raleigh, N. C.—Contracts approximating \$400,000 have been awarded for the erection of the proposed wing for the State Hospital for the Insane at Dix Hill here; Dr. Albert Anderson is superintendent. The structure will replace a burned section of the institution; it will be three stories and basement, about 50 by 360 and 40 by 40 feet, of concrete and brick construction, with concrete foundation and roof and tile and hardwood floors. Charles C. Hook of Charlotte is the architect and Wiley & Wilson of Lynchburg, Va., are consulting engineers. General contract was awarded to W. P. Rose of Goldsboro, N. C., at \$345,000; heating to the Raleigh Iron Works at \$28,828, and plumbing to Dunford & Cern, Oxford, N. C., at \$20,978.

The San Angelo National Bank, San Angelo, Texas, M. L. Mertz, president, is reported as planning the erection of an eight-story bank and office building to cost between \$250,000 and \$300,000.

NEWS AND VIEWS FROM OUR READERS

[Publication in this department of letters from our readers does not mean that we either approve or disapprove the views expressed. We believe in a full and frank discussion of the mighty questions of the hour, for only in this way can the truth be found. Therefore we often publish letters with which we do not agree.—Editor Manufacturers Record.]

Some Strong Claims for Gainesville, Fla.

EDWARD S. ALLEY, Babylon, N. Y.

I note several of your readers take you to task for asserting the price of milk in Florida is fair and reasonable. If milk is 35 cents a quart in West Palm Beach, why go there? At Gainesville, in Alachua county, Florida, where I spend the winter, milk is 15 cents a quart, cream 20 cents a half-pint, ice cream 35 cents a pint. Meat and groceries prices are fair, and Gainesville is an up-to-date and coming city, with real churches, splendid schools and a hospitable people—a home town.

Mistake in a Mill Cutting of Lumber Should Have Been Caught by Proofreader.

W. A. ANDERSON, President, Shreveport Lumber Company, Shreveport, La.

I desire to call your attention to an error in the article by C. H. Kellogg on progress in Louisiana. It states that the sawmill at Bogalusa produces 10,000,000 feet every 24 hours. This is so palpably incorrect I wonder your proofreader did not catch it. One million feet is probably the correct figure as to capacity, but on actual performance I doubt if they turn out over 500,000 feet daily.

Of course, I am proud of the progress of this great state, but do not think such exaggerations should go unchallenged. Also, one is led to believe that mahogany timber is produced in the state. I do not know of a mill in the state that produces mahogany from native wood. What is probably meant is that the logs are imported and manufactured. There are sawmills in the state that manufacture California redwood, which is cut from logs shipped through the Panama Canal.

With a systematic and scientific reforestation methods made general, under our new and very favorable taxation laws affecting standing timber, the sawmill industry of Louisiana could be made perpetual, but not if we had very many mills cutting at the capacity mentioned above. However, such large operations cannot be handled profitably unless the supply is very plentiful and easy of access. As timber in Louisiana is growing more scattered, the methods of sawmilling are changing rapidly to smaller units, which do not endanger the supply of timber, which in some sections now is growing about as fast as it is being cut.

The Possibilities of Extending Uses of Lumber.

M. S. MUNSON, Advertising Manager, Exchange Sawmills Sales Company, Kansas City, Mo.

Thank you for your letter calling attention to Mr. Dionne's articles on "Long-Leaf Pine." We, as manufacturers of long-leaf pine, appreciate very much this publicity for that very worthy, but poorly, exploited wood. With the present widespread awakening of the larger lumber manufacturers to the possibilities of extending the uses of their product, and the imperativeness of holding existing markets which appear to be slipping in favor of substitute material, we feel sure that long-leaf pine, as well as short leaf and other Southern forest products, will be brought prominently to the attention of the consumers.

That America will become "wood conscious" through the activities of the National Lumber Manufacturers Association, as well as the activities of the trade extension departments

of the various regional associations, we have no fear. That the MANUFACTURERS RECORD will play an important part in an editorial way is not to be gainsaid, and as an advertising medium the committee in charge could make no better selection in its field.

May we presume to offer just one word of caution. We hope that in any of Mr. Dionne's future articles he will not become too enthusiastic over long-leaf pine at the expense of short leaf, for practically all of the Southern operators are cutting in stands of both. We say this advisedly, regardless of Mr. Dionne's comments on their advertising.

The stand that Mr. Edmonds has taken regarding the lightening or elimination of timber taxes is a policy of tremendous benefits to Southern operators. We predict that proper forest conservation and reforestation will not be accomplished until the landowners receive some kind of aid or relief from burdening taxes. As champions of the South, we think of no better work that the MANUFACTURERS RECORD can do than to continue your fight of lightening this burden.

Not "Mad," But Wants to Know.

B. S. COOP, Atlanta, Ga.

You said some little time ago through the medium of your valued paper that the present purchasing power of our 100-cent dollar was 69 cents, compared with the same 100 cents in 1913 or previous. From all I can discover, you've got the wrong end of the discount. Thirty-one cents seems nearer; though, with apologies to Mark Twain, 31 cents seems to us "a exaggeration."

Remember the old-time 50-cent dinner? Let's see the same at \$2.50, based on wholesale values; but the common people are paying retail prices, most distinctly. Let's see!

Broilers, 1880 to 1912, \$2.25 a dozen, or 19 cents apiece; 1915 to 1926, \$1.25 each. But 69 cents only buys about five-eighths of a chicken, where 100 cents before the war bought a shade over five chickens.

Let's see about sweet potatoes: About 1912 they were 65 cents a bushel. Gee whiz! Go down to the market in Baltimore and price 'em today! I'm ashamed to tell you—find out yourself.

Georgia peaches: Finest that ever grew were 60 cents a bushel. Gosh! A basket is, say, half a peck; 4 pecks to the bushel is about 8 baskets—follow me? No algebra needed to solve this equation. At 50 cents a basket, \$4 a bushel.

Go to, Mr. Editor! How do you get this way?

I was in New York a few years ago and the boys told me there was a colored waiter down there whom I was afraid to call a "nigger." Also, the "eats" were involved in a little bet. There were seven or eight of us in the crowd, and they got the brunette servitor to wait on us. When he got around to yours truly, I involved him in conversation, and when I caught his brogue on the right word, I said: "Well, old nigger, what I want to know is, are you from North Carolina or Virginia?" The old boy slammed the card down on the table, went to the kitchen and came back with the soups and brought my soup to me last, saying: "Boss, I wantche to unnerstan' I wasn't mad, you unnerstan'; but what I wants to know is how you all knowed I's fum Vaginya?"

And, so, dear Editor, I want you all to know "I ain't mad, y' unnerstan'," but what I want to know is how you get 69 cents value out of the present dollar?

THE IRON AND STEEL SITUATION

No Material Change in Steel.

Pittsburgh, July 26—[Special.]—The general steel situation shows no important change from week to week. There are slight increases and decreases in production as a whole, while individual lines rise and fall in point of buying activity. Mills in general are scheduled from week to week, sometimes almost from day to day. Exceptions to this general condition are in rails, oil-country tubular goods and tinplate. The bulk of the rail business now being filled was booked long ago and for several months there has been production practically at capacity. Shipments, to Northern roads at least, will decrease toward the close of the year. In oil-country goods the pipe mills have been scheduled well ahead for several months past. Recently some delivery promises extended to eight or nine weeks, but the usual delivery promise now seems to be four to five weeks. In merchant pipe prompt deliveries are being made. Shipments of oil-country goods usually begin tapering off in October or November, and full operation in lap-weld departments of pipe mills is expected until then.

In tinplate there is unusual activity for the time of year, and operations this month and next will run a trifle above those of June. There has been a heavy export demand, on account of the British coal strike reducing British tinplate production to almost nothing. In addition, some of the fruit and vegetable packs are turning out even better than expected. There will be a rush for the next three weeks in delivering tinplate to can factories serving the Wisconsin pea pack, which is proving exceptionally heavy. California fruit and vegetables are turning out unusually well.

As to steel in general, with its slight changes from week to week, the dominant feature is that demand has held up for the summer better than it usually does. There was less decline in steel production through the month of June than expected, and it is not certain that this month will show any decline from June.

It would appear that steel has lost much of what was considered its seasonal character. The change is not in consumption, but rather in the manner of buying, which has developed more and more into a hand-to-mouth proposition. This change in buying is seen clearly in steel, and there has probably been much the same change in buying of things made from steel.

This month's steel production will probably run between 15 and 20 per cent above that of last July. The first half of this year showed 8 per cent more production than the first half of last year, and thus this year's lead over last year is being increased at the present time. Obviously another calendar year record in steel production will be made. The gain may not be as much as the 8 per cent shown for the first half of the year, as there is not so much likelihood of an upturn in the mill rate later in the year, there being no decided dip to recover from.

Regular quotable prices in the steel market have shown, on the whole, little change for about a year. In the important lines the only changes have been in bars, shapes and plates, these having been small, and in sheets. Since the first of the month there have been no quotable changes, and there is no discernible change in the degree of stiffness in a single line. There is constant sales effort in most lines to replenish order books against the heavy shipments and maintain operations. Advances seem improbable, while mills have become pretty well hardened against declines. Their earnings are quite fair, but are made so simply by the very large tonnage.

Connellsville coke is a trifle better in tone, as some opera-

tors have more sale for coal, and there is even talk of there being some export business in coke.

Pig-iron has been growing less active since the heavy buying movement in foundry iron in various districts.

Heavy melting-steel scrap remains at \$16.75 to \$17, delivered Pittsburgh district.

Iron Business Is Reported Brisk.

Birmingham, Ala., July 26—[Special.]—Within a short while now it is most likely the probable make of pig-iron in Alabama during the third quarter of the year will have been sold ahead. The selling has been steady and July promises to pass with an interesting aggregate of business booked. The quotations have been maintained at a base of \$21 per ton, No. 2 foundry, with no intimation yet that there will be a decline on fourth-quarter delivery iron.

A small amount of iron has been sold for fourth-quarter requirements, the business so far booked being on tonnages extending into that period. Many melters of iron who placed orders during the first part of June are still asking delivery, and every effort is being made to please every consumer. As a consequence there is more iron being melted and moved off furnace yards than is being manufactured. The surplus stock is able to supply the difference, and will for a few months, though in Birmingham proper there is no iron going to the yards.

The needs of consumers of pig-iron who look to Alabama for their raw material are still of consequence. Some of the larger melters, the cast-iron pressure-pipe makers in particular, have not purchased to their full requirements for the third quarter and not at all into the fourth quarter. By the end of this week the furnace interests, even such larger producers as the Woodward Iron Company and Sloss-Sheffield Steel and Iron Company, will be able to take stock on the probable make of the quarter. One of the smaller producers made announcement last week that its orders on books approached the tonnage of the probable make of the quarter, while the foundry iron maker with the single blast furnace has not been able to offer any great amount of iron on the open market because of its own needs. Fourteen blast furnaces are making foundry iron, nine on basic and one on ferro-manganese. Two blast furnaces are being repaired. Two iron makers are scheduled to be shut down and relined during August and two furnaces will resume operations.

The make of iron during July will exceed that of the previous month by 2000 tons, it is estimated. The extreme heat has affected the iron make but little. Many of the larger melters of iron operating plants and shops within sight of the blast furnaces are assured of steady delivery of iron and feel satisfied that there will be no lagging in delivery.

Cast-iron pressure pipe, the principal commodity requiring larger tonnages of foundry iron, is being manufactured in great tonnages and no stock is being accumulated. Soil pipe and fittings production has been somewhat improved during past weeks. Foundries and machine shops have been working and there has been increased melt of iron. The stove foundries are looking forward to an active trade and are working up stock and shipping it right along. Other lines report favorable conditions.

Inquiries are again reported on market conditions of the fourth quarter. For more than four weeks some of the larger melters have been predicting \$20 per ton iron, and even cheaper, yet have not seen the price stated below \$21. As during last fall and winter, activity in the cast-iron pres-

sure-pipe trade holds out promise at the present. Several specifications of size are being bid on.

Diversified production with pig-iron as the raw material is being added to constantly in this section. Grate bars, pumps for filling stations, cotton presses, machinery of all kind and many other things are reported as being active.

The steel market shows equally active a condition with pig-iron. Rod is not as urgent as wire, nails and fencing, and the latter products are being moved out in quantity.

Great progress has been made on major development projects in the Birmingham district, including 77 additional by-product ovens at Fairfield, four open-hearth furnaces for the steel mill at Fairfield, two blast-iron furnaces, each to have 600 tons daily output of basic iron, at Fairfield; new electric power, steam-generated plant at Fairfield; Phoenix Portland Cement Company, new wet-process Portland cement plant at Powderly rehabilitation of the Ensley Southern Railroad, purchased from the Southern Railway and to be known as the Birmingham Terminals of the Warrior River barge line, operated by the Government.

Coal production in Alabama, which has been fairly good all through the summer, will take on improved conditions August 1, the production to be increased. Production recently has been around 350,000 tons weekly and will be advanced to 375,000 tons, and by September 1 should be back to 400,000 tons. Estimates are that the production this year in Alabama will go beyond 21,500,000 tons.

Coke trade is good, with the quotations holding around \$5.50 per ton, foundry coke, and up to \$6 on small lots, quick delivery. Independent coke producers are making coke steadily and finding market for their make.

The scrap iron and steel trade shows very little improvement and quotations are still weak. Heavy melting steel is held at \$13. No. 1 cast is the more liberally used product in the scrap line, but the requirements in this are not very large. Dealers in old material report many small-lot orders and are moving considerable tonnage in the aggregate. Scrap yards are well stocked and no trouble is experienced in getting all the stock that is needed.

PIG-IRON.

No. 2 foundry, 1.75 to 2.25 per cent silicon, f. o. b. furnaces, \$21; No. 1 foundry, 2.25 to 2.75 per cent silicon, \$21.50; iron of 2.75 to 3.25 per cent silicon, \$22; iron of 3.25 to 3.75 per cent silicon, \$22.50; iron of 3.75 to 4.25 per cent silicon, \$23; charcoal iron, f. o. b. furnaces, \$30.

OLD MATERIAL.

Old steel axles.....	\$17.00 to \$18.00
Old iron axles.....	17.00 to 18.00
Old steel rails.....	13.00 to 14.00
Heavy melting steel.....	13.00 to 14.00
No. 1 cast.....	16.50 to 17.00
Stove plate.....	14.00 to 14.50
No. 1 B. R. wrought.....	12.00 to 13.00
Old car wheels.....	16.00 to 16.50
Old tramcar wheels.....	16.00 to 17.00
Machine shop turnings.....	8.00 to 8.50
Cast-iron borings.....	8.00 to 8.50
Cast-iron borings (chem.).....	15.50 to 16.50

For Lakes-to-Gulf Transportation Service.

New Orleans, La.—Anticipating favorable action of the United States Senate in December on the pending Rivers and Harbors bill carrying appropriations for linking the Mississippi River and other stream units into the Lakes-Gulf route, the Chicago and New Orleans Transportation Company has been organized with Leopold Moss of Chicago as president. The company has a nominal capital which it plans to increase to \$500,000 when final approval has been given the waterways measure. Its plans embrace the operation of a fleet of barges and auxiliary passenger service between Chicago, New Orleans, St. Louis, Memphis and intermediate points, with branch lines up the Ohio River to Cincinnati and up the Missouri River to Omaha. Options have been obtained on dock sites at Algiers, across the Mississippi River from New Orleans, it is said, and equipment contracts will be awarded upon the enactment of the bill.

RAILROADS

Big Rush of Wheat Shipments From Southwest Successfully Handled by the Railroads.

Concerning the movement of wheat from the Southwest, the Western Railways' Committee on Public Relations, Chicago, says:

"The railways and regional shippers' advisory boards are just beginning to emerge successfully from a struggle to handle the wheat crop of the Southwest. An unexpectedly large crop in parts of the territory, and a new method of harvesting and threshing it which resulted in its being delivered to the railways with unprecedented rapidity, subjected the transportation machine in the Southwest to the severest test.

"The crisis has now been passed without serious results, and but for recent improvements in railway equipment and operating methods and the co-operation that has been developed with shippers through the regional shippers' boards, there would have been a disastrous car shortage. Even now the wheat movement is so large that great efforts by the railways and the shippers are still necessary to handle it.

"Reports of crop conditions indicated that the wheat crop of the Southwest would be much larger than in 1925, and in certain regions would exceed the big crop of 1924, but there was another factor, the importance of which it was impossible to estimate in advance. There has come into extensive use in the Southwest very recently the "combine" machine for harvesting wheat. Formerly wheat was first headed and stacked, and later threshed and moved to elevators and freight cars. With the combine, it is simultaneously headed and threshed and immediately hauled to local stations. Developments within recent weeks have shown that with this method the grain comes to the railways earlier and in much larger volume during the harvesting season than when old methods of harvesting and threshing were used.

"In anticipation of a large and early wheat movement the railways serving the Southwest had assembled and stored in that territory before the beginning of harvest about 40,000 box cars in good condition. This was almost twice as many as at the same time in 1924 in anticipation of the big harvest of that year.

"The way the crop was rushed to the railways is well illustrated by the experience of the Atchison, Topeka and Santa Fe Railway, the largest carrier of wheat from that territory. Before the movement started the Santa Fe had 12,500 cars stored throughout the Southwestern wheat-growing territory. On June 21 and some days previously its grain car loadings were about 200 cars daily. On June 24 this had increased to 772 cars, on June 30 to 1390 cars and on July 1 to 1569 cars. This movement was entirely unprecedented, the largest number of cars the Santa Fe had ever loaded with grain in a single day before being 962 on July 26, 1924. Its grain loadings in the last 10 days of June and the first 19 days of July, 1924, had been 13,188 cars, while in the corresponding period of 1926 they were 28,153. Lines outside of the Southwestern wheat belt came to its assistance and between July 5 and July 20 they sent it about 5800 cars.

"The experience of the Chicago, Rock Island and Pacific Railway was similar to that of the Santa Fe. Before the harvest began it had 6100 box cars stored in the Southwestern wheat belt. Between June 8 and July 17 its grain loadings amounted to 14,239 cars, as compared with 6238 in the same period of 1924. Its grain loadings reached a maximum of 1090 in a single day, as compared with a high record in previous years of 700 cars.

"Among the other large carriers of wheat in the Southwest

are the Missouri Pacific, the Missouri-Kansas-Texas and the St. Louis-San Francisco.

"In the week ended July 4, 1925, total loadings of grain and grain products in the country as a whole were 33,831, while in the corresponding week of this year they were 51,989, an increase of 53 per cent, which shows the effect of the unusually big loadings in the Southwest."

New Orleans, Texas and Mexico Bonds.

Application has been made to the Interstate Commerce Commission by the New Orleans, Texas and Mexico Railway for authority to issue \$4,600,000 of first mortgage 5 per cent bonds, which are to be sold to Kuhn, Loeb & Co. of New York at 97½, the proceeds to be used to provide for capital expenditures in 1926 and part of 1927 to purchase stock of the Texas City Terminal Railway Company and to increase the company's cash working capital.

New \$5,000,000 Issue Dallas Terminal Bonds.

A new issue of Dallas Railway and Terminal Company first mortgage 6 per cent bonds, amounting to \$5,000,000 and maturing July 1, 1931, have been sold through a syndicate, composed of Tucker, Anthony & Co. and Halsey, Stuart & Co. of New York, and the Old Colony Corporation and W. C. Langley & Co. of Boston, at 96½ and interest. It is announced in Boston that the entire issue has been disposed of and the subscription books are closed. It is understood that the proceeds of this sale will be used to retire about \$5,000,000 of mortgage notes and other obligations of the company. It is further stated that \$1,000,000 each of common stock and of 7 per cent cumulative preferred stock are also being issued.

Railroad Appointments.

J. H. Ketner and G. B. Rice have been appointed assistant freight traffic managers of the Seaboard Air Line Railway at Norfolk, Va., the former to handle business relating to complaints before the Interstate Commerce Commission, etc., and the latter to handle business relating to freight rates, etc. E. T. Willcox, assistant freight traffic manager at Norfolk, has been transferred to Birmingham, Ala., these changes to take effect August 1. On the same date J. H. Toomer will be appointed general freight agent at Norfolk. Also on August 1, T. L. Southwell will be appointed acting division freight and passenger agent at Tallahassee, Fla., and R. W. Daniel will be appointed assistant general freight agent at Tampa, Fla., to succeed Mr. Southwell.

The Southern Railway Company has appointed district passenger agents as follows: W. C. Spencer at Philadelphia, Pa.; C. W. Martin at Chattanooga, Tenn.

Ornamental Engines on Southern Railway.

The adornment of railroad engines is unusual in the United States, although in earlier days of railroading not a little brilliant paint and brass work made locomotives more attractive in appearance than now. But the Southern Railway Company has announced a new departure in the case of 23 heavy Pacific-type passenger locomotives, which it is now receiving from the Richmond plant of the American Locomotive Company, and which will be used to pull its finest passenger trains between Washington and the South. It is stated that a rich dark-green paint will be used on cabs, tenders, driving wheels, smokestacks, etc., with gold striping, and that the boiler jackets, the driving rods and other parts will be of highly burnished steel. The tenders will be suitably lettered to indicate the trains in which they will be used.

NEW LINES IN TEXAS PANHANDLE.

Big Freight Traffic Anticipated for the Crop-Moving Season.

Amarillo, Texas, July 24—[Special.]—Business expansion in the Panhandle of Texas, due to oil and gas development and the construction of new lines of railway, exceeds all previous records. More than 3,000,000 acres of ranch lands will be opened to agricultural development by the new lines which the Chicago, Rock Island and Pacific, the Atchison, Topeka and Santa Fe and the Chicago, Burlington and Quincy railroads are to construct. It is stated by C. B. Davis, division freight agent of the Rock Island, that the volume of freight handled by the lines of that system in Amarillo has almost trebled during the last 12 months. Two additional switch tracks, each of 3500 feet, are being built in the local yards. Approximately 1400 feet of additional team tracks are also being constructed. At Shamrock, east of Amarillo, 14,000 feet of additional track is being laid to take care of oil well supplies for the Wheeler county field.

"There are under construction 225 feet of additional depot platform and about 200 feet of additional freight-house space," Mr. Davis continued. "Extension of the present freight-house track will amount to 300 feet. A freight house is being built at Conway to handle oil-field supplies.

"The wheat load we shall carry on this division will fill from 13,000 to 15,000 freight cars," Mr. Davis estimated. "Wheat will come from Texhoma and Texola. Maize and cotton, probably 75,000 bales of cotton, will be shipped. About 10,000 carloads of wheat alone have been handled already."

All the lines of the Santa Fe in the Panhandle region are handling an unprecedented amount of traffic, according to F. E. Edwards, assistant to the general manager.

"One mile of sidings has been added to the Santa Fe yards in Amarillo," he said. "There is a 35 per cent increase in shipments of grain and oil. Fifteen engines used in three shifts a day are in operation. There are 2180 freight cars being constantly employed hauling. More than 2,500,000 bushels of wheat have been shipped. Our equipment and personnel have been increased."

Mr. Edwards said the railroad from Panhandle City to the oil fields is completed a distance of seven miles. Work is progressing rapidly.

William F. Land, general agent of the Fort Worth and Denver City Railroad and the Wichita Valley Railroad of the Burlington system, said the roundhouse is being enlarged at a cost of \$80,000. Electrical machinery is being installed. Ten blocks of additional team tracks are under construction. Seven switch engines work in three shifts.

Mr. Land reported the Fort Worth and Denver City line is experiencing the greatest period of expansion since its construction in 1887, and he said: "We shall handle about 400,000 bales of cotton, considerable lumber, cattle and Colorado coal."

Southern Pacific to the Rio Grande.

The Interstate Commerce Commission, according to a press report from Washington, has approved the plan of the San Antonio and Aransas Pass Railway Company of the Southern Pacific system to build an extension from Falfurrias, Texas, to the Mexican boundary, thus entering the Rio Grande Valley region by building a new line about 75 miles long. A branch will also be built from Edinburg to Harlingen, Texas, making the total length of new line to be constructed about 115 miles. The main line will connect with the Mexican railways. The estimated cost of the proposed work is about \$4,500,000, and it is expected to begin within a month.

RAILWAY MERGER OF \$505,000,000.

Application for System of 5800 Miles Filed With Interstate Commerce Commission.

Applications were filed last Saturday with the Interstate Commerce Commission by the Kansas City Southern Railway Company and the Missouri-Kansas-Texas Railroad Company for the proposed merger lately outlined by L. F. Loree, including the St. Louis Southwestern Railway and making a system of over 5800 miles, with total capitalization of more than \$505,000,000.

It is proposed that the Kansas City Southern shall obtain a majority of stock of the Missouri-Kansas-Texas Railroad and that the Missouri-Kansas-Texas shall obtain from the Kansas City Southern enough of its holdings of St. Louis Southwestern shares to control the latter. Mr. Loree is chairman of the board of both the Kansas City Southern and the Missouri-Kansas-Texas system and Winslow S. Pierce is chairman of the St. Louis Southwestern.

It is stated that the three lines will continue to be separate corporations, but that in operation they will be conducted as one system if the plan is approved, with the result, it is claimed, that about \$250,000 a year can be saved in operating costs. There appears to be warrant for expecting that the commission will approve the plan, because L. F. Loree, it is stated, had several consultations with the commission concerning the proposition prior to the filing of the application.

The Kansas City Southern Railway gives as its reason for the merger a statement of its belief that the region in which the several lines operate should be dealt with as a separate and distinct territory for transportation purposes and that the public interest would be best served by grouping the carriers now and making arrangements and adjustments so as to produce the greatest economies of operation, while providing the most efficient service to the public.

Savings will be effected, it is asserted, by using easier grades and more direct routes because of the consolidation of interests by cutting out duplications of terminal facilities, etc.

Continued Heavy Freight Traffic.

Loading of revenue freight for the week ended on July 10 totaled 900,977 cars, according to reports filed by the carriers with the Car Service Division of the American Railway Association. Due to the observance of Independence Day, this was a decrease of 171,647 cars under the preceding week. Since January 1 last there have been more than 27,000,000 cars loaded with revenue freight, which compares with less than 26,200,000 cars loaded in the same period of 1925 and with about 24,850,000 in the corresponding period of 1924.

Articulated Trains for Electric Railroad.

The Maryland Public Service Commission has approved the new equipment plan of the Washington, Baltimore and Annapolis Electric Railroad Company, which will purchase 10 articulated trains of two cars each for operation on its main line from Baltimore to Washington, 38 miles. The trains now operated consist of two large electric cars coupled together.

Contract for Industrial Track.

H. M. Salvo of Gadsden, Ala., has been awarded a contract to build a spur track from the Louisville and Nashville Railroad to the plumbing supplies foundry of Stringer Bros. in east Gadsden at a cost of about \$40,000. It is stated that this track will be the main stem of trackage in the city's new industrial section and that it can be extended as desired.

TEXTILE

175 Mill Dwellings to Cost \$300,000.

Seneca, S. C.—General contract has been awarded to the Townsend Lumber Company of Anderson, S. C., for the erection of 175 tenement houses for the Seneca Company here. The houses will be of frame construction, plastered, with rift pine floors and composition roof, and will cost about \$300,000 in the aggregate. J. E. Sirrine & Co. of Greenville, S. C., are the engineers.

Meeting of Southern Textile Association.

Tybee, Ga., July 23.—With an attendance of approximately 300 delegates, the Southern Textile Association recently held a two-day session here, the convention opening with an address of welcome by Thomas Gamble, mayor of Tybee, to which John A. McFalls, general superintendent of the Rando Manufacturing Company, Gastonia, N. C., responded. The meeting was called to order by O. D. Grimes, president of the association, with an invocation by Marshall Dilling, general superintendent of the A. M. Smyre Manufacturing Company of Gastonia. A report of the carders' sectional meeting, which was held at Spartanburg, S. C., was presented by Chairman J. O. Corn, superintendent of the Pacific Mills of Columbia, S. C., and that of the spinners' sectional meeting at State College, Raleigh, N. C., by Chairman Carl H. Harris, assistant superintendent of the Inman Mills, Inman, S. C. The report of the weavers' meeting, held at Goldsboro, N. C., was presented by C. M. Black, general superintendent of the Borden Manufacturing Company, Goldsboro, who also reported on the Rutherford County Textile Club.

Robert F. Rowe, assistant vice-president of the Hunter Manufacturing and Commission Company, delivered an address on "Delivering the Goods," and there was a short discussion of experiences with the long draft system of spinning. A feature of the closing session of the convention was an address by President Grimes; report of L. L. Brown of Clifton, S. C., on the weavers' sectional meeting at Anderson, S. C.; selection of Greenville, S. C., as the place of the next meeting of the association in November, and the presentation of the president's medal to Mr. Grimes by James A. Greer.

The following officers were selected for the ensuing six months: W. H. Gibson, Mooresville, N. C., president; L. R. Gilbert, Raleigh, N. C., vice-president; C. R. Harris, Inman, S. C., chairman of the board of governors. The office of executive secretary was created and F. Gordon Cobb of Lancaster, S. C., was elected.

Cotton Textile Institute Organized.

New York, N. Y.—Carrying out an idea conceived at the last annual convention of the American Association of Cotton Manufacturing at Atlanta, the Cotton Textile Institute has been organized at a meeting here of a committee appointed for that purpose by the American Association and the National Association of Cotton Manufacturers. The purpose is to formulate plans for the betterment of the textile industry, and more than 50 mill owners of the country have been appointed as board of directors of the institute. Its officers, who will serve until the annual convention of the institute October 20, include Henry F. Lippitt of Pawtucket, R. I., president; Stuart W. Cramer, Cramerton, N. C., and Robert Amory, Waltham, Mass., vice-presidents; William F. Garcelon, temporary secretary, and Gerrish H. Milliken, Huntsville, Ala., treasurer.

An executive committee was appointed and also committees to draft by-laws, to consider activities of the institute and to secure additional members.

GOOD ROADS AND STREETS

Wants Electro-Magnet to Pick Up Scrap Iron and Nails From Highways.

Missouri State Highway Department,
Division No. 10.

Sikeston, Mo., July 20.

Editor Manufacturers Record:

I am considering equipping a heavy motortruck with a large electro-magnet so as to pick up scrap iron and nails from gravel roads to lessen the destruction to automobile tires.

Thinking you may be informed of manufacturers who can supply the electro-magnet part of such equipment, I am writing to you requesting names and addresses of such firms.

I will appreciate any information you may furnish.

FRANK B. NEWTON, Division Engineer.

Paving Brick Shipments Show Increase.

Increases in production, shipments and unfilled orders, with a corresponding decline in stock on hand, is reported by the paving-brick industry to the United States Department of Commerce for June as compared with May. Production went from 21,103,000 in May to 26,342,000 in June. Shipments went from 22,645,000 in May to 30,312,000 in June. Stock fell from 123,808,000 in May to 115,971,000 in June. Unfilled orders climbed from 71,430,000 the first day of May to 75,283,000 the first day of June.

These figures are compiled from the reports of 26 companies representing 76 per cent of the normal tonnage of the industry. Ohio led the list in consumption for June with 8,685,000. Kansas was next with 3,700,000. Texas third with 3,198,000 and Illinois fourth with 2,446,000.

Fort Lauderdale Votes \$300,000 for Bridges.

Fort Lauderdale, Fla.—A bond issue of \$300,000 for the completion of three bridges and the construction of four new ones has been voted by citizens of this city. The largest project contemplated is the completion of the Colee avenue bridge over New River, for which \$103,500 has been provided. Other projects include the completion of the East avenue bridge at a cost of \$68,000; widening South Andrews avenue bridge over Tarpon River, \$29,500; three new bridges over Tarpon River—one at East avenue to cost \$26,950, one on South Third avenue to cost \$19,500 and one on Lauderdale boulevard to cost \$24,500. It is also planned to build a bridge on East avenue over Himmarshee canal at a cost of \$28,050.

Maryland Asks Bids on Road Work.

Bids will be received until August 3 by the Maryland State Roads Commission, Baltimore, for three road projects, embracing 1.34 miles of macadam resurfacing in Frederick county, 2 miles of concrete shoulders in Montgomery county and 1.61 miles of concrete highway in the same county. Proposal forms and specifications may be obtained from the office of the commission.

Asks Bids on 150 Miles and 36 Bridges.

Jefferson City, Mo.—Sealed proposals will be received until August 4 by the State Highway Commission at its office in this city for the construction of 50 road projects, embracing more than 150 miles of construction, and for 36 bridges. Road work will include approximately 115 miles of graded earth, 37 miles of gravel surfacing and 1.688 miles of concrete.

\$4,000,000 of Street Paving in Year.

St. Petersburg, Fla.—A tabulation of monthly reports by Ernest Kitchen, director of public works, discloses that approximately \$4,000,000 worth of paving has been completed in St. Petersburg during the last fiscal year ended June 30. The work covers a total of 916,000 square yards, or 65 miles, giving the city a total of approximately 250 miles of paving.

Jackson County, Missouri, to Vote on \$5,000,000.

Kansas City, Mo.—Bonds in the amount of \$5,000,000 will be voted on in Jackson county on August 3, pursuant to an order passed by the Jackson County Court. These bonds are for the purpose of procuring a site and erecting a new court building in Kansas City to cost \$3,900,000; new courthouse in Independence, to cost \$350,000; hospital building at the Jackson County Home for the Aged and Infirm, \$250,000, and to erect and equip an addition to the Jackson county jail building in Kansas City at a cost of \$500,000.

Road Grading and Bridges to Cost \$295,000.

Heflin, Ala.—Contracts have been awarded by the State Highway Commission, Montgomery, for grading and constructing bridges on 23.34 miles of road in Cleburne county between Heflin and the Georgia state line at a cost of more than \$295,000. J. W. Gwin of Birmingham secured grading contract at \$196,406; contract for bridges was awarded to the Southern Construction Company, Birmingham, at \$99,008. It is understood the grading contract carries a proviso that should the quantity of rock excavation exceed 50,000 cubic yards, the contractor will be paid at the rate of \$1 a cubic yard for all in excess of that quantity.

"Texas Will Pay Its Debts"—Popular Expression Favors Road Bond Validation.

Wellington Brink, associate editor of Holland's Magazine, Dallas, writing to the MANUFACTURERS RECORD about the widespread sentiment throughout Texas in favor of prompt validation of the state's road bonds, says:

"Legal technicalities invalidated the ballots recently cast by Archer county voters for a \$300,000 road-bond issue. No existing bonds were directly involved in the litigation, but the court's decision nevertheless invalidated about \$87,000,000 of district road bonds.

"The response of the people was immediate and vigorous. The first-page heading, 'We Must Pay What We Owe,' expressed the sentiment of scores of editorials throughout the state. The West Texas Chamber of Commerce, numerous professional and business organizations and various important conventions went on record as favoring immediate legislation validating the defective issue.

"A committee of prominent citizens was formed to take aggressive action. It petitioned the nominal Governor, Mrs. Ferguson, to call a special session of the legislature in order to enact the validating legislation. Various conditions imposed by the real Governor, James E. Ferguson, were speedily complied with. Drafts of proposed legislation drawn by a group of bond attorneys of national standing were submitted. The individual members of the legislature were canvassed and expressed themselves as heartily in favor of a special session for the enactment of validating legislation. Every step of the committee was met by additional requirements, insincere evasions, interminable shillyshallying. However, the need for the special session seems to have been relieved, for it has been made evident to the financiers of the nation that Texas intends not only to pay its debts when they mature but to validate her obligations thereto as soon as she can."

Carson county, J. A. Whiteside, county judge, Panhandle, Texas, has voted a \$1,000,000 issue of 5½ per cent bonds for the construction of roads.

LUMBER AND BUILDING MATERIALS

Increases in New Business, in Production and Shipments.

Washington, July 22.—The National Lumber Manufacturers Association received telegraphic reports today of the status of the lumber industry for the week ended July 17 from 389 of the larger softwood and 152 of the chief hardwood mills of the country. The 372 comparably reporting softwood mills show increases in production, shipments and new business when compared with reports from 377 mills the previous week. It is interesting to note that despite the fact that 15 more mills reported for the same period a year ago, there are gratifying increases in all three factors this year. The 152 hardwood operations show substantial increases in all three items when compared with reports from 142 mills the week before.

The unfilled orders of 231 Southern Pine and West Coast mills at the end of last week amounted to 684,309,025 feet, as against 666,508,138 feet for 228 mills the previous week. The 123 identical Southern Pine mills in the group showed unfilled orders of 242,108,174 feet last week, as against 245,033,404 feet for the week before. For the 108 West Coast mills the unfilled orders were 442,200,851 feet, as against 421,474,734 feet for 105 mills a week earlier.

Altogether the 372 comparably reporting softwood mills had shipments 102 per cent and orders 102 per cent of actual production. For the Southern Pine mills these percentages were, respectively, 103 and 99, and for the West Coast mills 106 and 111.

Of the reporting mills the 337, with an established normal production for the week of 228,375,872 feet, gave actual production 99 per cent, shipments 102 per cent and orders 104 per cent thereof.

The following table compares the national softwood lumber movement, as reflected by the reporting mills of eight regional associations, for the three weeks indicated:

	Past week 372	Corresponding week 1925 387	Preceding week 1926 (revised) 377
Mills			
Production	261,022,643	224,731,578	213,231,641
Shipments	266,145,785	211,718,743	205,160,030
Orders	265,056,166	237,024,963	220,494,796

The following revised figures compare the softwood lumber movement of the same eight regional associations for the first 28 weeks of 1926 with the same period of 1925:

	Production	Shipments	Orders
1926	7,213,647,063	7,412,495,814	7,385,941,613
1925	7,052,829,649	7,089,671,958	6,902,221,998

The Southern Cypress Manufacturers Association of New Orleans for the week ended July 14 reported from 17 mills a production of 5,617,932 feet, shipments 4,000,000 and orders 4,320,000. In comparison with reports for the previous week when one less mill reported, this association showed considerable increases in all three items.

The Southern Pine Association reports from New Orleans that for 123 mills reporting shipments were 3.36 per cent above production and orders 1 per cent below production and 4.22 per cent below shipments. New business taken during the week amounted to 66,392,634 feet, shipments 69,317,864 feet and production 67,065,369 feet. The normal production of these mills is 77,455,547 feet. Of the 116 mills reporting running time 79 operated full time, 22 of the latter overtime. One mill was shut down and the rest operated from one to five and one-half days.

The North Carolina Pine Association of Norfolk, Va., with two more mills reporting, shows some increase in production,

a substantial gain in shipments and a nominal decrease in new business.

The hardwood mills of the Northern Hemlock and Hardwood Manufacturers Association reported from 23 mills production as 2,650,000 feet, shipments 4,348,000 and orders 4,815,000.

The Hardwood Manufacturers Institute of Memphis, Tenn., reported from 129 units production as 22,519,956 feet, shipments 21,266,241 and orders 24,726,336. The normal production of these units is 21,204,000 feet.

To Make an Acoustical Plaster.

The United States Gypsum Company, Chicago, writes that it has developed a preparation designated as Sabinite acoustical plaster to be manufactured and marketed under an exclusive license. The experimental work was done at the Riverbank Laboratories, Geneva, Ill., by Dr. Paul E. Sabine, and the preparation is described by the company as follows:

"This material comes to the job already sanded and requires only the addition of water. It is porous in composition and instead of reflecting virtually all the sound that strikes it, as does ordinary plaster, it absorbs a great proportion of the sound, which it transforms by friction into heat-energy. Its covering capacity is greater than ordinary plaster and its application involves no greater problems than the application of ordinary plaster. Tests and researches into the physics of sound, according to Dr. Sabine, have demonstrated that through the use of this material a maximum of acoustical efficiency can be obtained in any theater, church, auditorium, school or other room."

Meeting of North Carolina Forestry Association.

The sixteenth annual convention of the North Carolina Forestry Association will be held at Morehead City on September 2 and 3.

Subjects of importance to be considered will include the equitable taxation of forest land and more adequate protection of forests from fire. Necessary legislation will be discussed and a committee appointed to present suggested legislation to the general assembly of 1927. State and national parks in North Carolina will also be considered.

Special delegates are being appointed from counties and cities, and the association extends an invitation to others interested in forestry problems of the state to attend the convention. Joseph Hyde Pratt, Asheville, is president of the association.

\$300,000 Stephenson Brick Plant Operating.

Birmingham, Ala. July 24—[Special.]—The L. L. Stephenson Company has started brick making at Cordova in a plant that cost more than \$300,000. Clay for making fancy face brick comes out of a coal mine, the coal being used in the kilns for burning brick. The plant has started with a daily capacity of 10,000 brick, to be increased until a capacity of 40,000 is reached. It is one of the most modern plants in this section of the country. Brick from this district has been and still is being largely used in construction work in Florida, as well as for street and road paving.

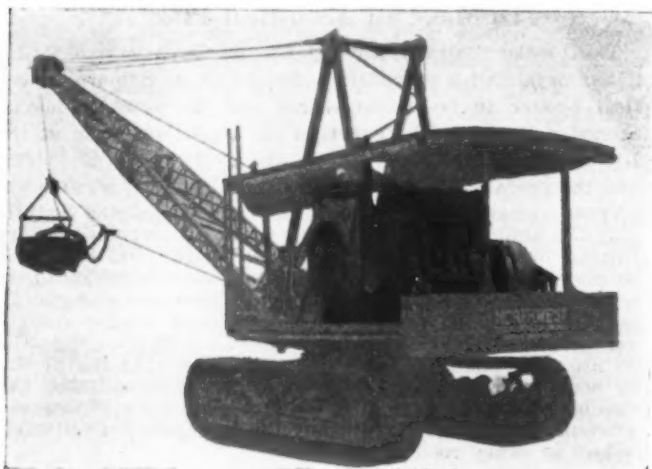
Steel Watch Towers for Forest Protection.

Montgomery, Ala.—It is announced here that a group of steel observation towers for fire control will be erected in the timbered areas of Alabama, the cost to be borne by the United States Government. According to Col. P. S. Bunker, state forester, the towers will afford such an added range of vision that the detection of forest fires will be greatly facilitated.

MECHANICAL

Diesel Engine for Material-Handling Machines.

After five years of close observation of small Diesel engines, and with considerable study and experimentation, the Northwest Engineering Company of Chicago has put out the Northwest-Cummins engine, a four-cylinder full Diesel unit specially designed for use on excavating and material-handling equipment. It is not merely a marine engine placed on a shovel, crane or dragline, but, above all,



VIEW OF MACHINE, FEATURING THE ENGINE.

it has the high efficiency of the true Diesel cycle minus its objectionable features.

In the true Diesel cycle, which has been successfully and widely used for more than 20 years in larger size engines, the fuel is injected into the combustion chamber with a jet of high-pressure air, which breaks it up so that it is completely combustible, but with the Cummins patent this combustion efficiency is obtained in small engine sizes, and its method of injection solves the fuel-metering problem, giving the efficiency of the air-injection type minus the handicap of the air compressor and without the high-pressure pump and attendant difficulties of the solid injection type.

The fuel pump used on this new engine operates at only 50 pounds pressure. It serves only to keep a constant head of oil on the valves. This permits the use of simple needle valves for fuel injection. The four fuel injectors are fed by a common supply pipe. The metering or injection device consists of a needle valve and a forcing plunger. The needle valve is lifted in synchronism with the inlet valve and it is driven by a rocker operated by a tappet on the air-inlet lever. A special cam drive takes care of the plunger. At the lower end of the injector are two cone-shaped cups opening through passages into the combustion chamber and to the plunger chamber directly above.

At the end of the compression stroke when the engine is in use the pressure arises to 500 pounds—a pressure sufficient to ignite the fuel—and a sharp, accurately timed return thrust of the plunger injects the hot, dry gas into the combustion chamber. This positively timed mechanical ignition is accomplished without the use of an injection pump, nor is a primary explosion depended on. The method is purely mechanical and unusually simple, overcoming the problem of a trouble-causing high-pressure pump and air compressor, yet giving the efficiency of the air-injection type of Diesel engine. Because metering is accurate, it allows the use of four cylinders, which, in turn, brings

balanced operation free from the vibration of the three-cylinder type. A wide range of fuels can be burned. All parts ever necessary to adjust or examine are readily accessible.

Lubrication is full-pressure feed to all main and connecting rod bearings and to piston pins, and the cylinders are oiled from the same system. Oil is circulated by a geared pump. Moreover, the flow of oil is not interrupted when the machine is operating at an angle. Cooling is by water. All air taken into the engine goes through air cleaners and the fuel is filtered with a large 100-mesh screen. The engine is started by compressed air and the start is practically instantaneous, it is stated, even when stone cold; no heating is required. An overhead fuel tank of 100 gallons capacity is provided, and under most conditions it is not necessary to take on fuel oftener than twice a week.

The 5½ by 7-inch cylinder engine of 63 horsepower is applied to either a 1-yard shovel, a 10-ton crane, a ¾-yard dragline or a 33-inch pull shovel, and the 5¼ by 8½-inch cylinder engine is applied to either a 1¼-yard shovel, a 12-ton crane, a 1-yard dragline or a 42-inch pull shovel of the same make.

Mixers on Crosswise Trucks.

Announcement is made by the T. L. Smith Company of Milwaukee, Wis., that its 7-S mixers can now be furnished on crosswise trucks for end discharge like a paver, but this is only for the non-tilting type; it does not include the tilting type mixer.

This arrangement is ideal where a job is strung out as in conduit, sewer, curb, gutter, grouting work and in sidewalk and alley paving. A big daily output is assured because time and handling are saved by delivering mixed concrete directly to the forms.

With mixers having this equipment, the standard wheels and axles are removed intact and installed on the crosswise frame. The standard frame is arranged to be bolted to the



NON-TILTING MIXER ON NEW TRUCK.

new unit. A hauling stub, telescoping under the skip, is used in place of the standard.

The stationary spout allows ready placing of the concrete directly into the forms, but an eight-foot distributing spout with a swing of a half-circle can be furnished as an extra. The distributing spout with the two discharge points allows accurate placing of the concrete.

CONSTRUCTION DEPARTMENT

EXPLANATORY

Additional information is published about all enterprises mentioned in this department as soon as such data can be obtained.

An asterisk (*) following an item indicates that the enterprise has been reported in a preceding issue.

DAILY BULLETIN

The Daily Bulletin is published every business day to enable its subscribers to follow up promptly the industrial, commercial, railroad, financial, building and general business development of the South and Southwest. To machinery manufacturers and dealers, contractors, engineers, and others who require daily information of every new enterprise organized and details about important additions to enterprises already established, the Daily Bulletin is invaluable. Subscription price, \$30.00 a year.

Bridges, Culverts and Viaducts

Proposed Construction

Ala., Dothan—Georgia-Florida Bridge Co., Marianna, contemplates steel suspension bridge across Chattahoochee River at Neal's Landing; 3-span, center of channel span, 600 ft. long, with 80-ft. vertical clearance at mean low water and 59 ft. above mean high water.

Florida—State Road Dept. received low bids for 5 bridges. See Roads, Streets, Paving.

Fla., Fort Lauderdale—City, Glenn E. Turner, plans completing Colee Ave. Bridge over New River, cost \$103,500; approaches and retaining walls at East Ave. Bridge, cost \$68,000; widen bridge on South Andrews Ave. over Tarpon River Canal, \$29,500; for 3 bridges over Tarpon River; East Ave., \$26,950; South Third St., \$19,500; Lauderdale Blvd., \$24,500; on East Ave. over Himmarshee Canal, \$28,050. See Financial News—Bond Issues Proposed.

Fla. Miami—See Roads, Streets, Paving.

Fla., Palm City—Martin County Commrs., Stuart, receive bids soon to repair Palm City bridge.

Fla., Pensacola—Escambia County Commrs. plan installing electrically operated lift for bridge over Bayou Chico, and widen Barrancas road beyond bridge; Winston E. Wheat, County Engr.

Ga., Savannah—Chatham County Commrs., Oliver T. Bacon, Chmn., plan drawbridge over Richardson's Creek, connecting Whitmarsh and Oakland Islands.

Ky., Ashland—Ashland Bridge Co., capital \$100,000, incorporated; S. S. Willis, J. C. McCarthy; plans bridge over Ohio River.

Louisiana—Louisiana Highway Comn., Baton Rouge, received low bids for 2 bridges: Catahoula-Concordia Parishes, Tensas River Bridge on Sicily Island-Clayton Highway, Kansas City Bridge Co., Orear-Leslie Bldg., Kansas City, Mo., \$146,506; East and West Carroll Parishes, Bayou Macon Bridge, on Lake Providence-Oak Grove road, F. D. Harvey & Co., Jonesboro, La., \$26,834.*

La., Port Allen—Louisiana Highway Comn., Baton Rouge, received low bid from G. A. Shows & Co., Kaplan, at \$6642, for Bridges No. 3 and 5, Jefferson Highway, and Bridge No. 12, Port Allen-New Roads Highway, East Baton Rouge Parish.*

Md., Rockville—State Roads Comn., 601 Garrett Bldg., Baltimore, receives bids Aug. 3 for bridge over B. & O. R. R. at Bethesda, on Rockville pike, three 26-ft. steel spans, 6-ft. sidewalk; plans on file; John N. Mackall, Chmn.; L. H. Steuart, Sec.

Miss., Port Gibson—Claiborne County Board of Supvrs. plans building bridge over Bayou Pierre.

Miss., Belzoni—Humphreys County Board of Supvrs. plans bridge across Yazoo River, 14 mi. north of Belzoni.

Miss., Rolling Fork—Sharkey County Board of Supvrs. plans bridge across Big Sunflower River, near Holly Bluff.

Missouri—State Highway Dept. will build 36 bridges. See Roads, Streets, Paving.

Mo., Jefferson City—City, C. B. Steers, Clk., plans bridge at Dunklin and Walnut Sts.; C. W. Thomas, Mayor.

Mo., Springfield—Greene County and Road Dist. No. 6 plan low-water bridge over Clear Creek at Darst Ford, 6 mi. from Ash Grove.

N. C., Biltmore—State Highway Comn.,

Raleigh, Buncombe County Highway Comn., Asheville, and Southern Ry. System, B. Hays, Structural Engr., Washington, D. C., plan underpass beneath railway crossings at Biltmore; may let contract in Aug.

South Carolina—State Highway Dept. received low bids for 7 bridges and approach. See Roads, Streets, Paving.

Tenn., Memphis—States of Tennessee and Arkansas and City of Memphis, Rowlett Paine, Mayor, will let contract about Sept. 1 for Harahan viaduct on Arkansas side of Mississippi river; C. N. Bass, State Highway Commr. of Tennessee, Nashville; Herbert R. Wilson, State Highway Commr. of Arkansas, Little Rock.*

Tenn., Chattanooga—Southern Ry. System, B. Herman, Ch. Engr., Washington, D. C., and associated lines plan expending \$150,000 for east and west approaches to Third St. Viaduct under construction.

Tex., Austin—State Highway Comn., Hal Moseley, Chmn., Austin, received low bid from John F. Buckner, Navasota, at \$5403, for 28-ft. concrete bridge in Kimbro Road Dist., State Highway No. 20.*

Tex., Houston—Harris County, Chester H. Bryan, County Judge, plans steel and concrete bridge with approaches across San Jacinto River on Highway No. 3, estimated cost \$167,400; Howe & Wise, Engrs., First Natl. Bank Bldg.

Tex., Huntsville—State Highway Dept., Hal Moseley, Chmn., Austin, received low bid from Reynolds & Sutton, Tyler, at \$6221, for 1 mi. grading and bridges for approach to bridge across Harmon Creek; Thomas & Ratcliffe, Rogers, for 125-ft. steel truss across Harmon Creek, 54-ft. timber trestle approach at each end.*

Va., Luray—Page County Board of Supvrs. interested in 320-ft. concrete, submersible type bridge over Shenandoah River at Bixler's Ferry northwest of Luray.

W. Va., Charleston—Kanawha County Court, R. N. Moulton, Clerk, receives bids August 16 for building and improving 4 bridges: Over Blue Creek near mouth; over Little Sandy, 3 mi. from Elkview; over Falling Rock, near mouth; over Poca River near Sissonville.

W. Va., Mannington—City lets contract July 31 for 120-ft. reinforced concrete bridge over Buffalo Creek, at Clarksburg and Water St.; estimated cost \$27,500. Address City Clerk.

Contracts Awarded

Ala., Heflin—State Highway Comn. let contract for bridges. See Roads, Streets, Paving.

Fla., St. Petersburg — Raymond Concrete Pile Co., 140 Cedar St., New York; Northern Dredge & Dock Co., Davis Islands, Tampa, and Payne Construction Co. reported have contract for placing concrete pilings, filling more than 2,000,000 cu. yd. sand and shell, widen causeway fill at Tampa end of Gandy bridge, lay 40-ft. wide concrete pavement, etc.

Georgia—See Roads, Streets, Paving.

La., Benton—Bossier Parish Police Jury let contracts for several bridges: To Welsh & Salter, Natchitoches, at \$9674, for bridges on Clinton-Belleve highway; McWilliams Dredging Co., Carondelet Bldg., New Orleans, at \$15,875, to build Bodewac embankment on Benton-Belleve highway; J. F. Mullins, 1818 Chestnut St., Pine Bluff, Ark., at \$7891, for bridge on Rocky Mount-Cotton Valley road; at \$16,730 for other bridges on same highway.

N. C., Greensboro—Lewis & Enos, Greensboro, have contract at about \$45,000 for 2 concrete bridges on Greensboro-High Point road; 130-ft. span over Deep River, 30 ft. wide, 4 ft. sidewalks; over Buffalo Creek, several miles from Greensboro.

N. C., Pittsboro—Chatham County Commrs. R. J. Johnston, Chmn., and Lee County Commrs., T. A. Riddle, Chmn., let contract to Kiker & Yount, Reidsville, at \$79,000, for 615-ft. cement bridge across Cape Fear River at Avert's Ferry, about 12 mi. from Sanford.*

Canning and Packing Plants

Fla., Palmetto—J. P. Ott, Jr., and Mary Wright will erect canning plant, 30x90 ft.; W. Hunt, Bldr.

Fla., Wauchula—L. Maxcy, Inc., Frostproof, installing additional washing, polishing and sizing equipment and box-making machinery in citrus packing plant; Skinner Machinery Co., Dunedin and Harry P. Leu, Inc., 28 N. Hughey St., Orlando, machinery contrs.

Miss., Pascagoula—J. H. Pelham, Pres., J. H. Pelham Co., acquired riverfront site 132x 500 ft.; will erect modern seafood cannery.

Clayworking Plants

Mo., Fulton—A. P. Green Fire Brick Co. reported has option on Hockemeyer farm; may erect plant.

W. Va., Huntington—J. C. Alderson, 1527 Sixth Ave., purchased Barboursville Brick & Tile Co.

Coal Mines and Coke Ovens

Va., East Radford—Great Valley Coal Co., E. C. Searles, Pres., McCoy, reported contemplates expending \$1,000,000 in developing the Belle Hampton and McCoy properties in the next year; has machinery for opening new mine at McCoy and will lay spur track from Parrott to the Belle Hampton property; main operations will be at Belle Hampton, having acquired about 4400 acres; J. R. Sharp of 3116 S. Wabash Ave., Chicago, Ill., and H. W. Morgan, 4001 Wadley Rd., Washington, D. C., both interested in development.

W. Va., Clothier—Jeffrey Coal Co., capital \$10,000, incorporated; W. F. Harless, W. F. Harless, W. P. Dalton; chief works in Boone County.

Cotton Compress and Gins

Ark., Altheimer—Roy Kemper, Altheimer, Richard Barnett, 1319 W. Second St., Pine Bluff, and others will erect gin.

Ark., Conway—Conway Compress Co., R. H. Thurmond, Mgr., will rebuild burned plant.

Ark., McNeill—McNeill Gin Co., J. E. Blair, Secy., let contract to Spradlin & Pipkin for 24x72-ft. gin; install 100-h.p. G. E. motor, 4 80-saw Munger gins, stands and press; Arkansas Light & Power Co., Pine Bluff, and Continental Gin Co., Dallas, Tex., machinery contractors. (See Machinery Wanted—Corrugated Iron.)

La., Lake Providence—Hider Brothers, Inc., capital \$50,000, chartered; Geo. T. Hider, John T. Robertson.

Okla., Foss—L. C. Brooks of Cordell purchased site; will erect cotton gin.

Okla., Henryetta—Farmers Gin Co., capital \$20,000, incorporated; Oscar Smith, V. V. Nix.

Tex., Anchor—See Galveston.

Tex., Brownsville—McDavitt Gin Co., Inc., W. E. McDavitt, Pres. and Gen. Mgr., will erect 60-bale daily capacity gin.

Tex., Fairchild—See Galveston.

Tex., Galveston—Gulf Cotton Co., C. C. Groat, Pres., 1609 A St., enlarging plant, including two 1-story buildings, 45x120 ft., install 4-stand, 80-saw gin; also erect 5-stand, 80-saw gin at Fairchild and 4-stand, 80-saw gin at Anchor.

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

Tex., Houston—Manchester Terminal and Warehouse Co., capital \$1,000,000, incorporated; Don Hall, Cotton Exchange Bldg.

Tex., Mission—Growers' Gln Co., capital \$20,000, incorporated; F. C. Whittlesy, L. C. Robertson.

Cottonseed-Oil Mills

Ala., Birmingham—Southern Cotton Oil Co. purchased mill of Birmingham Oil Mill Co., Fifth Ave.; will make improvements.

Drainage, Dredging and Irrigation

Fla., Miami—See Miscellaneous Construction.

Fla., Sanford—St. Johns-Indian River Canal Board submitted plans for proposed canal route to run from St. Johns river near Sanford to the Indian river near Titusville; J. W. Braxton, Engr.

Fla., West Palm Beach—Board of Commrs., Lake Worth Inlet Dist., Wilson-Wagg Bldg., let contract to East Coast Stone & Construction Co. of Fort Lauderdale at \$62,460 for dredging a slip dock at inlet; Gen. George W. Goethals, Inlet Engr.*

Miss., Pass Christian—See Land Development.

Tex., Marfa—Preliminary plans are in progress for construction of irrigation dam in Presidio County, State, County and Federal Project; dam to be about 1000 ft. high, impound approximately 50,000,000 acre ft. of water; estimated cost \$60,000. Address Presidio County Commrs. or State Board of Water Engrs., Austin.

Electric Light and Power

Large sums are being expended for electric light and power work in connection with Land Development operations. Details will be found under that classification.

Ala., Athens—City constructing 2-story brick plant; has machinery.

Ala., Birmingham—Redmont Land Company let contract to Birmingham Electric Co. for installation of lighting system in Redmont.

Ark., Texarkana—City plans installation of white way.

Fla., Avon Park—City has \$15,000 available for white-way system.

Fla., Jacksonville—City constructing white-way system along St. Johns and Hendricks Aves. and Atlantic Blvd.; work being done by municipal electrical dept.; J. L. Cray, City Engr.

Fla., Jacksonville—City, Frank H. Owen, Comsr. of Public Utilities, will install street lighting system in Murray Hill, Panama Park, Norwood, Fishwiler Park, St. Johns Park and Ortega.

Fla., Lake Worth—Chester F. Wright, Supt. of Light and Power, preparing plans for city white way system; W. E. Hutschenreuter, City Clerk.

Fla., Williston—City, R. L. Harley, Mayor, plans reconditioning burned electric plant.

Fla., Canaveral—See Miscellaneous Construction.

Ky., Creelsboro—Kentucky Hydro-Electric Co., M. E. Taylor Bldg., Louisville, applied to Federal Power Comm. for permission to construct dam 38 ft. high and power house on Cumberland River near Creelsboro, at lock site No. 15.

Ky., Hazard—U. S. Engineer's Office approved construction of dam on north fork of Kentucky River by City Water Co.

N. C., Elizabeth City—Utility Comm. receives bids Aug. 18 for white way system; Wm. C. Olsen, Conslt. Engr., Raleigh.

N. C., Greensboro—North Carolina Public Service Co., controlled by General Gas & Electric Corp. and managed by W. S. Barstow Management Assoc., Inc., New York, will issue \$3,125,000 5% Gold Bonds; furnishes electric power in Greensboro, High Point, Burlington and gas in Greensboro, High Point, Winston-Salem and vicinity.

N. C., Scotland Neck—Virginia Electric & Power Co., Richmond, Va., plans building line to Scotland Neck.

N. C., Sharon—City plans electric lighting system; will connect with lines of Southern Public Utilities Co. See Financial News—Bond Issues Proposed.

Tenn., Altamont—Grundy County Court

granted 30-year franchise to Southern Cities Power Co., Chattanooga.

Tenn., Carthage—Robert G. Gordon applied to Federal Power Comm. for permission to construct dam and power plant at proposed lock sites Nos. 9 and 12 on Cumberland River near Carthage; power from plant to be sold to Kentucky Hydro-Electric Co. and Kentucky Utilities Co., both Louisville.

Tenn., Kingsport—Tennessee Eastern Electric Co., Johnson City, applied to Federal Power Comm. for permission to construct dam 100 ft. high and 750 ft. long on south fork of Holston River, about 10 miles upstream from Kingsport.

Tenn., Lynchburg—Southern Cities Power Co., Chattanooga, applied to Public Utilities Comm. for approval of purchase of lighting system.

Tenn., Nashville—Southern Cities Power Co., Chattanooga, applied to State Railroad and Public Utilities Comm. for permission to erect transmission lines along roads in Bledsoe County.

Tex., Austin—Herbert M. Greene Co., Archts., 805 Santa Fe Bldg., Dallas, will prepare plans for \$250,000 brick, stone and reinforced concrete power plant at State University; Hal C. Weaver, Mech. Engr., University Sta.

Tex., Comfort—L. E. Myers Co., 53 W. Jackson Blvd., Chicago, have contract for high tension lines, Comfort to Spanish Pass and Comfort to Mason.

Tex., Denton—College of Industrial Arts receives bids August 2 for power house extensions, boilers, concrete tunnels and tunnel piping and equipment; R. F. Taylor, Consltg. Engr., 1305 Sante Fe Bldg., Dallas.

Tex., Houston—Panhandle Power & Light Co. incorporated; Ralph Feagin, Commercial National Bank Bldg.

Tex., Point Isabel—Valley Electric & Ice Co. started construction on 50 kw. power plant and ice station, 1-story, brick.

Tex., Seguin—City, H. E. Brown, Supt., Electric Light and Water Works, advises: "Busch Sulzer Bros. Diesel Engine Co., St. Louis, Mo., awarded contract for 400 h.p. Diesel Engine, with General Electric generator and exciter; General Electric Co. awarded switchboard contract; Albert Nolte, Seguin, awarded building contract."

Virginia—I. J. and Milton E. Marcuse, Mutual Bldg., Richmond, purchased Meadow Creek Falls Water Power Co., including 300 acres, from Scholtz Bros. of Roanoke; also purchased Craig Mills and 84-acre tract.

Va., Danville—City Council recommended sale of municipal electric and gas plants to Appalachian Power Co., Bluefield, W. Va.; call election in October.

W. Va., Wheeling—Chamber of Commerce interested in installation of white way on Main St.; George W. Lutz, Chmn. Committee.

Fertilizer Plants

Md., Baltimore—Davison Chemical Co., Garrett Bldg., advises: "We recently obtained an interest in The Eastern Cotton Oil Co., with plants located at Norfolk, Va., Edenton, Hertford and Elizabeth City, N. C., in The E. H. & J. A. Meadows Co., with plant located at New Bern, N. C., and in The Miller Fertilizer Co., with two plants located in Baltimore. No new construction is anticipated, except rebuilding the Eastern Cotton Oil plant at Norfolk, which was destroyed by fire two months ago. Contracts for rebuilding of this plant have already been let as well as for the machinery."

N. C., New Bern—Meadows Fertilizer Co. incorporated; E. H. Meadows, J. Hay Jones.

Flour, Feed and Meal Mills

Tex., Fort Worth—Ray Kimbell of the Kimbell Milling Co. has permit for \$50,000 addition to plant, increasing storage capacity to 400,000 bu.

Tex., San Juan—Valley Grain & Elevator Co., capital \$50,000, incorporated; Kinch Hillyer, J. M. Lefevers.

Foundry and Machine Plants

Mo., Poplar Bluffs—See Railway Shops and Terminals.

Mo., St. Louis—Shoultz Brass & Aluminum Foundry Co., incorporated; Albert G. Nulson, Jr., 1424 Pennsylvania Ave.

Gas and Oil Enterprises

Fla., Winter Park—Chamber of Commerce interested in installing gas facilities.

Ga., Brunswick—Mutual Light & Water

Co. will make plant improvements and extend gas mains.

La., Lake Charles—Pan-American Petroleum Corp. will erect 2 storage tanks and 2 buildings on Railroad Ave. between Rock and St. Andrew Sts.; cost \$12,000.

La., Urania—Pima Petroleum Co., Inc., capital \$125,000, chartered; C. W. Beckman, J. E. Freeman.

Mo., Springfield—Springfield Gas & Electric Co. enlarging mains in north side; will enlarge mains in south side.

Okla., Bristow—D. W. Franchot Co. and Mid-Continent Petroleum Co., Calvert Bldg., Baltimore, Md., reported acquired properties of Jomac Oil Co.

Okla., Enid—Champlin Refining Co. making improvements to plant, including two 2000 barrel cross cracking stills, 5 to 10 centrifuge machines, additional chilling tanks and enlarging contact treating plant; contract to stills let to M. W. Kellogg Co., 90 West St., New York; other work being done by company forces.

Tex., Amarillo—Pole Cat Petroleum Co., capital \$175,000, incorporated; Henry Ford, L. B. Larsen.

Tex., Amarillo—Rock Creek Oil Corp., capital \$204,000, incorporated; C. G. Mayer, M. E. Bates.

Tex., Amarillo—Homestead Oil Co., capital \$120,000, incorporated; C. H. Austin, J. D. Wrather.

Tex., Amarillo—Plains Oil & Gas Co., capital \$10,000, incorporated; T. W. Cotten, F. P. Works.

Tex., Beaumont—Combest Oil Co., capital \$20,000, incorporated; Ross Combest, 2701 Pecos St.

Tex., Beaumont—Gulf Pipe Line Co., Gulf Bldg., Houston, is remodeling equipment at Lucas station.

Tex., Eastland—West Adams Petroleum Corp., capital \$75,000, incorporated; H. M. Jack, Robert Gordon.

Tex., Freeport—Houston Oil Company, Houston, contracted to supply Freeport Texas Co. with natural gas; will construct 55-mile pipe line; cost about \$1,500,000.

Tex., Houston—Buckners Creek Oil Co., capital \$20,000, incorporated; C. D. Creviston, Keystone Bldg.

Tex., Houston—Houston Gas and Fuel Co. will extend gas mains to Rice Military, Brooke Smith, Cottage Grove and Camp Logan additions.

Tex., Kempner—Marland Pipe Line Co., Ponca City, Okla., will construct 48 mile 8-in. pipe line from Kempner to McCamey.

Tex., McCamey—Humble Pipe Line Co., Humble Oil Co. Bldg., Houston, reported plans construction of \$100,000 storage plant here or at Crossett; also construction of pipe line from this plant to Kempner.

Tex., San Angelo—El Capitan Oil Co., capital \$25,000, incorporated; Ruper P. Ricker, Floyd C. Dodson.

Tex., San Antonio—Westmoreland Oil & Gas Co., capital \$100,000, incorporated; T. H. Poole, C. F. Binkley.

Tex., San Angelo—Marland Oil Co., Ponca City, Okla., plans construction of steam pump station in Upton County near San Angelo.

Tex., San Benito—C. S. Lasby and J. L. Crawford plan installation of gas system; petition City Comm. for franchise.

Tex., Shamrock—Shamrock Gas Co. increased capital, \$12,000 to \$50,000.

Tex., Vernon—Community Natural Gas Co. has gas franchise; will construct distribution system.

Tex., Wichita Falls—Wilson Drilling Co., capital \$150,000, incorporated; J. H. Freeman, J. W. Hampton.

Tex., Wichita Falls—Humble Pipe Line Co., Humble Oil Co. Bldg., Houston, constructing 17 miles 4 and 6-in. pipe line from Nacona field to northwestern Cooke County.

Tex., Wichita Falls—Wichita Southwestern Oil Corp., capital \$50,000, chartered; J. D. White, M. B. Robertson.

Va., Danville—See Electric Light and Power.

W. Va., Sutton—Royal Gas Company organized; will establish plant in Braxton County.

Ice and Cold-Storage Plants

Ala., Hartselle—Hartselle Ice Co., capital \$15,000, chartered; C. I. Lee, E. H. Sharpley.

Ark., Wynne—The Howell Ice & Fuel Co. contemplates building cold storage plant, concrete, 1500 bbl. capacity.

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

Fla., Coral Gables—Whites City Ice & Laundry Co., 21 S. W. Second Ave., let contract to J. Gordon Hussey, Inc., Coral Gables Inn, for first unit of plant, 8-story cold storage plant on Coral Way, 100x150 ft., contain about 1,500,000 cu. ft. storage space, care for 1000 cars merchandise; later contemplate building 100 ton ice plant, ice storage room and laundry; John and Coulton Skinner, Archts., 505 News Tower; Geo. W. Redmond, Supvg. Engr.

Fla., St. Augustine—Florida Power & Light Co., Joe H. Gill, V-P. and Gen. Mgr., 47 W. Flagler St., Miami, has plans for 50 ton ice plant on Riberia St., 2-story, 30x100 ft. exclusive of platforms, ice storage room; install most modern machinery and equipment; estimated cost \$100,000; company also providing cash and carry stations in different sections.

Fla., Williston—R. L. Hartley, Mayor, interested in proposed ice and cold storage plant.

Ga., Tifton—South Georgia Power Co., Albany, expending \$30,000 on improvements to ice plant, 40 tons daily capacity, also additional cold storage room for commercial purposes.

Miss., Oxford—The Oxford Ice Co. will rebuild burned portion of plant.

S. C., Walterboro—R. A. Easterlin of Denmark contemplates enlarging capacity of Walterboro Ice Plant, installing new ice machine to accommodate 300 lbs. ice cans; raw water system.

Tenn., Nashville—Arctic Ice Co., capital \$30,000, incorporated; H. G. O'Kain, F. J. McEwin.

Tex., Point Isabel—See Electric Light and Power.

Iron and Steel Plants

Tex., Houston—Carnegie Steel Co., William G. Clyde, Pres., Carnegie Bldg., Pittsburgh, Pa., reported will probably start work on \$2,500,000 warehouse, pier and slip on north side of ship channel; plans call for pier 1000 ft. long, slip 800x175 ft. and steel frame warehouse; reinforced concrete construction for decks, apron and other features of slip; C. L. Gillespie, Supvg. Engr., Charleston.

Land Development

Ala., Birmingham—The Cahaba Co., capital \$10,000, incorporated; W. E. Putnam, 2920 Norwood Blvd.

Ala., Birmingham—Jones-White-Copeland Co., capital \$12,000, incorporated; B. L. Jones, 103 Canal St.

Ala., Birmingham—Indchell Land Co., capital \$10,000, incorporated; P. J. Smith, Ridgely Apartments.

Ala., Birmingham—R. L. Sparkman & Co., incorporated; R. L. Sparkman, 1712 First Ave.

Ala., Birmingham—State Mortgage & Investment Co., incorporated; D. O. Whilldin, 515 N. Twenty-first St.

Ala., Birmingham—Truckee Land Co., capital \$10,000, incorporated; Thomas C. Cairns, 944 St. Charles St.

Ala., Fairhope—Walton Lake and Land Co., incorporated; Otto E. Zundel, I. E. Weil.

Ala., Headland—W. F. Covington Planter Co., capital \$50,000, incorporated; W. F. Covington, W. F. Covington, Jr.

Ark., Texarkana—City will develop Spring Lake Park, construct bath house, pavilion, crystal temple, driveways, golf course; Homer L. Fry, Landscape Archt., 3812 Stratford St., Dallas, Tex.

Fla., Avon Park—City has \$100,000 available for development of parks. See Financial News—Bond Issues Proposed.

Fla., Coral Gables—Coral Gables Consolidated, Inc., R. L. Vaughan, V-P., Administration Bldg., organized for purpose of placing financing of Coral Gables on national basis; offering \$10,000,000 8% cumulative preferred stock; is holding company for Coral Gables Corp., Coral Gables Securities Corp., Coral Gables Construction & Supply Co., Inc., Coral Gables Rapid Transit Corp., Coral Gables Real Estate Co., Coral Gables Hotels Corp. and one-half of common stock of Miami-Biltmore Hotel Corp.

Fla., Kissimmee—Florida Gulf Coast Land Co., subsidiary of Ser-Wall, Inc., Washington, D. C., acquired Colonial Estates and Tucker estate, comprising 147 acres; plan extensive development.

Fla., Lake Wales—City plans development of park and bathing beach. See Financial News—Bond Issues Proposed.

Fla., West Palm Beach—See Miscellaneous Construction.

Fla., West Palm Beach—Central Equities Corp., James F. Shapperkotter, Chairman, Board of Directors, Chicago, purchased Mizner Development Corp.; Addison Mizner continue as president.

Ga., Atlanta—Hollywood Cemetery Co., R. E. Miller, plans expending \$150,000 for improvements to Hollywood Cemetery; A. C. Alexander, Landscape Engr.

Ga., Macon—W. J. Hamlin Co., capital \$20,000, incorporated; W. J. Hamlin, 504 Mulberry St.

Ga., Vidalia—E. L. Meadows acquired 1000-acre tract.

Ky., Butler—Kentucky Farms, Inc., Route 1, will develop 317 acres for farming. (See Machinery Wanted—Tractor; Plows.)

La., Lake Charles—Charles Brundrette acquired tract on Shell Beach Drive; will develop for subdivision.

La., Monroe—Sherrouse Realty Co., W. J. Sherrouse, Pres., contemplates development of 300 acres for residences.

La., New Orleans—Conservative Realty Co., Inc., capital \$40,000, chartered; M. D. Kostmayer, United Fruit Bldg.

La., New Orleans—Fairview, Inc., capital \$60,000, chartered; Fred G. Benton, Fairfield Ave., Fairfield, Baton Rouge.

La., New Orleans—Gulf Coast Realities, Inc., capital \$100,000, chartered; Henry P. Mirandona, 311 N. Peters St.

La., Ruston—T. L. James & Co., Inc., capital \$200,000, chartered; T. L. James, B. H. Rainwater.

Md., Baltimore—Adolph Meyer, Inc., 42 Gunther Bldg., capital \$100,000, chartered; Adolph Meyer.

Md., Baltimore—Caton Realty Co., 2 E. Lexington St., incorporated; Daniel A. Leonard.

Md., Baltimore—Kernwood, Inc., Garrett Bldg., chartered; John W. Garrett.

Md., Baltimore—Homewood Building Co., 15 E. Fayette St., capital \$25,000, incorporated; Edward H. Kloppe.

Md., Baltimore—Maple Grove Improvement Co., capital \$10,000 incorporated; I. William Schimmel, Equitable Bldg.

Md., Baltimore—Vernon Realty Co., 4003 Bonner Rd., capital \$100,000, incorporated; Myron S. Cotton.

Md., Baltimore—W. J. Stedelin acquired 30-acre tract at Manchester and Tamm Aves.; will subdivide.

Md., St. Michaels—St. Michaels Developing Co., capital \$25,000, incorporated; Solomon Caplan, Arthur Farmer.

Miss., Biloxi—Holmhaven-on-the-Gulf, Inc., O. O. Carpenter, V-P., plans extensive development along West Beach Boulevard; also construction of island, 1000x3000 ft.

Miss., Gulfport—S. H. Stratton, Pres., Gulfport Farm & Pasture Co., acquired 19,368 acres in Jackson and George Counties; will develop for colonization.

Miss., Hattiesburg—The Ross Company, capital \$150,000, incorporated; T. E. Ross, R. M. Ross.

Miss., Pass Christian—Pass Christian Chicago Land Co., Carl L. Schmidt, Pres., Chicago, Ill., Johnness Realty & Securities Co., developing and sales agency, New Orleans, developing 1400 acres for summer and winter homes; construct resort hotel, bathing beaches, one or more golf courses; improvements include raising general shore level, 2,500,000 yds. hydraulic dredging, construct 8 mi. interior waterways and number of islands, erect building for employees' quarters, restaurant, sales and engineering office; cost about \$4,000,000; Allison Owen, Archt., Interstate Bank Bldg., Arthur M. Shaw, Const. Engr., Hibernia Bldg.; Neal & Smith, Landscape Archts., all New Orleans. (See Machinery Wanted—Road Machinery; Sewer Machinery.)

Mo., Jefferson City—Bothe, Douard, Kratky, Inc., chartered; I. F. Kratky, 5201 Robert Ave.

Mo., St. Louis—North American Realty Co., incorporated; Jas. D. DeBucharanne, 6926 Delmar St.

N. C., Asheville—Hillard Street Investments, Inc., capital \$25,000, chartered; Harry M. Dill, 32 College Park Place.

N. C., Asheville—Stradley Mountain Development Corp., chartered; E. E. Reed, Chiles Ave., Kenilworth.

N. C., Elizabethtown—Pharr Realty Co., capital \$100,000, incorporated; W. H. Belk, James W. Pharr, both Charlotte.

Tenn., Chattanooga—Harland Bartholomew and Associates, St. Louis, Mo., submitted plans for recreational system to City Planning Board.

Tenn., Knoxville—Gay-Main Realty Co., capital \$60,000, incorporated; L. E. Schmid, 741 N. Third Ave.

Tex., Alpine—Clem McDaniels of San Antonio acquired 2000-acre La Casa Del Rio pecan farm.

Tex., Brownsville—J. H. Darby and G. O. Newman, Magnolia Bldg., both Dallas, acquired 10,000 acres in western Hidalgo County; will develop for farms.

Tex., Dallas—Parkdale Realty Co., J. H. Power, 5645 Gaston St., acquired tract between Urbandale and city limits; will develop for home sites and club, including 18-hole golf course; Hurphy-Bolanz Co. in charge of development; Maj. H. L. Powell, Engr.

Tex., Fort Worth—Backus-D'Arcy, Inc., capital \$50,000, chartered; James D'Arcy, 2212 Western St.

Tex., Houston—Butler Perryman, 2518 Ideal St., will develop 780 acres at Crosby Rd. on San Jacinto River; include tennis courts, golf course and clubhouse.

Tex., Houston—Marine Bank & Trust Co., 908 Preston Ave., will develop addition to Sunylan subdivision; install sewers, water, pave streets.

Tex., Kerens—J. H. Gilmor, McGregor, acquired 1200-acre Edwards ranch.

Tex., Luling—City will develop 9-hole golf course in river park donated to city by Edgar B. Davis.

Tex., San Antonio—E. G. & Lawrence Go-forth, care Suburban Realty Co., Central Trust Bldg., will subdivide 880 acres, Babcock Rd., Bexar County.

Tex., Wichita Falls—Park Place Realty Co. incorporated; W. F. Weeks, Staley Bldg.

Lumber Enterprises

Ala., Mobile—McInnis Lumber Co., Inc., chartered; W. A. McInnis, A. K. McInnis.

Ala., Sylacauga—Empire Lumber Co., incorporated; S. P. McDonald, B. A. Phillips.

Ga., Vidalia—E. L. Meadows acquired 1000-acre timber tract in Toombs County; will develop.

La., Lake Charles—Krause & Managan Lumber Co., Ltd., Westlake, has permit for \$20,000 office and lumber shed to be erected on S. Ryan St., brick frame and stucco, fireproof, asbestos roof; moving headquarters to Lake Charles.

La., New Orleans—Southern Pine & Hardwood Co., Inc., capital \$10,000, chartered; Knox E. Miller, 2424 Pine St.

Miss., Jackson—Parsons Lumber & Supply Co., capital \$10,000, incorporated; L. L. Parsons, J. T. Parsons.

Miss., Oxford—True-Hixon Lumber Co. will rebuild burned portion of planing mill.

Tex., Lufkin—The Boynton Lumber Co., A. L. and M. M. Boynton, owners, acquired 15-acre tract; will erect \$50,000 sawmill.

Metal-Working Plants

Ga., Atlanta—Southern Wire & Iron Works, 55 Martin St., reported, contemplates erecting 200x200-ft. building; manufactures office railings, window guards, ornamental iron and wire work, etc.

Md., Baltimore—Club Aluminum Manufacturing Co., 3500 Biddle St., incorporated; Wm. A. Burnette, A. W. Clutter; leased space in Gibbs Industrial Bldg. recently.

Mining

Ala., Gadsden—Gadsden Sand & Gravel Co., Inc., capital \$40,000, chartered; H. T. Griffin, C. O. Duncan.

Ky., Chavies—Coneva Mining Co. incorporated; T. C. Johnson, William Pendleton.

Mo., Joplin—Bonnie C Mining Co., 815 Frisco Bldg., has 40 acres to be developed. C. R. Meyers, 815 Frisco Bldg., interested.

Okla., Hockerville—The S. R. & W. Mining Co., Joplin, Mo., has taken option on the Mary Jane Lead & Zinc Co.'s lease and mill; operate.

Miscellaneous Construction

Fla., Canaveral—Port Canaveral & Western Ry. Co., capital \$500,000; will operate about 50 miles from Lake Charm, in Seminole County, through Brevard County to Canaveral, connect with Florida East Coast R. R., with headquarters at Titusville; will construct telephone and telegraph lines, operate steamboats, warehouses, power and waterworks plants.

Fla., Lake Worth—Boardwalk—City Com.

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let contract for \$10,000 boardwalk along ocean front.*

Fla., Miami—Carl G. Fisher Properties, W. A. Kohlhepp, Vice-Pres., will soon start improvements to Causeway Terminal docks, including warehouse and dredging of slip; bids have been received; J. P. Duffy, Ch. Engr.*

Fla., Orlando—Incinerator—City, L. N. Autrey, Mayor, received low bid from Nye Odorless Crematory Co. of Macon, Ga., for municipal incinerator.*

Fla., West Palm Beach—City has tentative plan for filling in lake front from Florida East Coast Railroad bridge to the Royal Park bridge to form new municipal park, site for municipal buildings, etc.; Olivier Joseph Vinour, Archt., 320 Golf Ave.*

La., New Orleans—Swimming Pool—H. L. Falk, 299 Walnut St., and associates interested in building natatorium in Audubon Park; cost between \$100,000 and \$125,000.

Miss., Bay St. Louis—Seawall—Hancock County Board of Supvrs. plans constructing seawall from Bay St. Louis to Lake Shore, estimated cost \$1,250,000; seawall built by city will be connected with county system, which will cover about entire water front westward to East Pearl river. See Financial News—Bond Issues Proposed.*

Miss., Biloxi—Boardwalk—W. H. Alley and associates interested in construction of boardwalk along beach front.

Miss., Pass Christian—See Land Development.

Mo., St. Louis—Mausoleum—Stanza & Co., Inc., Syndicate Trust Bldg., begun construction of Oak Grove Memorial Mausoleum at Oak Grove Cemetery, estimated cost \$500,000; granite and reinforced concrete; interior will be reinforced concrete faced with marble and decorated with ceramic mosaic, ornamental glass windows; variegated Spanish tile roof; will contain two chapels, number of private memorial rooms, crypts de luxe and hundreds of crypts for individuals; plans by Sydney Lovell and T. P. Barnett Co., Arcade Bldg.; J. H. Hill Construction Co., builders.

Tex., Galveston—Terminals—Galveston Wharf Co. let contract to W. A. Kelso & Co., 2220 C St., for construction of Mallory Line Dock covering an area on water front between Twenty-third and Twenty-sixth Sts., estimated cost \$1,000,000; building with frontage of about 1500 ft. will be reinforced concrete with three entrances, 300 ft. area; one at Twenty-fifth St. will be 2-story, east and west wings to be 1 story; foundation reinforced tongue-and-grooved concrete sheet piling; concrete apron; four ramps on north side of building; sprinkler system, etc.*

Tex., Houston—Port Commrs. let contract to J. M. L. West, 3002 N. Main St., for additional reinforcements to wharf No. 14.

Tex., San Antonio—Subway—I. Ewig, City Engr., advises: The International & Great Northern R. R. will construct subway on W. Commerce St., Engineering Dept. preparing plans; work to be handled by railroad company.*

Miscellaneous Enterprises

Ala., Birmingham—Orkin Exterminating Co., Inc., chartered; Otto Orin, Maurice Oser.

Ala., Birmingham—Wire Screens—A. H. Moore Screen Co., Inc., chartered; A. H. Moore, 1724 First Ave.

Ala., Birmingham—Alabama Roofing Tile Co., capital \$10,000, incorporated; F. W. Davies, First National Bank Bldg.

Ala., Birmingham—Loft Building—Phoenix Realty Co., Seventeenth and Second Aves., let contract to The Davis Co., Ensley, Ala., for 5-story loft building, 100x140 ft., concrete, brick and terra cotta trim, cost \$250,000; H. B. Wheelock, Archt., Stanner Bldg. (See Machinery Wanted—Marble.)

Ala., Birmingham—E. B. Van Keuren, Pres. Merchants and Manufacturers Terminal, Birmingham Age-Herald Bldg., let contract to Kaucher-Hodges Co., Shrine Bldg., Memphis, Tenn., for first unit of plant, Avenue A and Twelfth St. South; 2 story, 120x440 ft., concrete, sprinkler system; cost of first unit and each of the other three will approximate \$500,000; plans for remaining units will be made as soon as first unit is under way; Clarke-Gregory-Blake, rental agents for terminal.*

Ala., Mobile—Clarke Resort Hotels, Inc., capital \$20,000, chartered; V. L. Arnold, 1113 Montauk Ave.

Ark., Fort Smith—Fort Smith Co-operative

Window Glass Co., W. S. Cline, Pres., expending \$15,000 repairing tanks, ovens, etc.*

Ark., Fort Smith—C. J. Wortz, reported, acquired the Edmondson Bakery, 21 N. Towson; will remodel and operate.

Ark., Little Rock—Dixie Food Products Co., capital \$50,000, incorporated; Carrol F. Fourmy, Commercial Bldg.

D. C., Washington—Eagle Bedding Co., 1123 Seventh St. N. W., reported, will erect \$60,000 plant, 2 story, 75x202 ft., at Fifth and W. St. N. W.; Harry Brandt, Archt., 1319 F St. N. W., receiving bids.

D. C., Washington—United Factories Corp., capital \$100,000, chartered; E. S. Newman, Woodward Bldg.

Fla., Canaveral—See Miscellaneous Construction.

Fla., Jacksonville—H. A. Smith and H. D. Wyatt, reported, leased building at 429 Mary St.; install electric welding plant.

Fla., Jacksonville—Bo-Kay Perfume Co., J. Rousa, Pres., 1140 Broadway, New York City, reported, establish paper box factory in connection with perfume plant; install latest equipment.

Fla., Kissimmee—Rex Rye of Sanford contemplates establishing laundry plant.

Fla., Lake City—Shad Baking Co. of Fort Lauderdale, H. W. Shad, Pres., reported has plans for erection of \$100,000 bakery.

Fla., Miami—Ralph Perry, representing the South Florida Amusement Co., reported, contemplates \$500,000 building to play jai all (Spanish game).

Fla., West Palm Beach—A. I. V. Wilson has contract for \$45,000 ice cream plant at Northwood Terminals; work begun; A. B. Treat will probably be plant Mgr.; organization of company not completed.

Fla., Winter Park—Orange Laundry Co., Inc., A. A. Abbott, Pres., have plans for \$50,000 laundry plant.

Ga., Atlanta—Fire-Fighting Equipment—City let contract to American-LaFrance Fire Engine Co., Elmira, N. Y., at \$16,500 for additional fire-fighting equipment; W. B. Cody, Fire Chief.

Ga., Columbus—Acme Laundry, Joe and Herman Julius, Props., 1320 First Ave., has 225x225-ft. site at Sixteenth St. and Eleventh Ave.; will erect 1-story laundry building, fireproof, probably steel and concrete, cost about \$75,000; also expend \$25,000 on remodeling present structure for business purposes.

Ga., Savannah—Yemassee Drug Co., capital \$50,000, incorporated; E. O. Langston, L. G. Zabier.

Ky., Bardo—Bardo Amusement Co. Incorporated; D. C. Campbell, H. K. Buttermore.

Ky., Louisville—H. & H. Chemical Co., capital \$10,000, incorporated; Wm. L. Hoge, 1319 Willow St.

Ky., Louisville—Falls City Warehouse Co., capital \$10,000, incorporated; R. W. Rounsavall, Keller Bldg.

Ky., Owensboro—Owensboro Coca Cola Bottling Co., capital \$48,000, incorporated; N. D. Barnett, Mrs. M. E. Barnett.

La., Monroe—Louisiana-Arkansas Barge Service, Inc., capital \$300,000, chartered; N. E. Dawson.

La., New Orleans—Adema Gravolet Construction Co., Inc., capital \$50,000, chartered; P. M. Adema, Pointe-a-la-Hache.

La., New Orleans—Lower Coast Transportation Co., Inc., capital \$15,000, chartered; Blaz Antiech, Pres., 1837 Bartholomew St.

La., New Orleans—Mauxion Chocolates, Inc., capital \$15,000, chartered; Anthony M. Pumilla, Pres., 423 Balter Bldg.

La., New Orleans—The Tile Shop, Inc., capital \$50,000, chartered; Joseph Ariatti, 824 Carondelet St.

Md., Baltimore—Transportation—Enterprise Trucking Co., Inc., 1639 N. Smallwood St., capital \$50,000, chartered; Geo. Saunders, Jr.

Md., Baltimore—Champion Paint & Art Novelty Co., 223 W. Twenty-third St., capital \$100,000, incorporated; Nathan Small, Adolph De Bois.

Md., Salisbury—Standard Stores, Inc., capital \$10,000, chartered; Beulah E. Livingston, Marion L. Jones.

Miss., Batesville—Batesville Auto & Hardware Co., capital \$10,000, incorporated; J. D. Vance, C. Brooks.

Miss., Jackson—Criterion Shoe Co., capital \$10,000, incorporated; L. Lewine, 136 Denver St.

Miss., Laurel—Continental Turpentine & Rosin Corp., F. W. Kressman, Mgr., advises: The Continental Refining & Chemical Co. is

closely associated and affiliated with the Continental Turpentine & Rosin Co.; will erect new 3-story brick and steel refinery, cost of building \$15,000, and contents about \$40,000; construction and erection by own forces; contract let to Walsh & Weldener Boiler Co., Chattanooga, Tenn., for boilers, stills and similar plate work; to The Swenson Evaporator Co., Harvey, Ill., for condensers; to Walworth Co., Kewanee, Ill., for valves and to Wagoner Steam Pump Co., Canton, Ohio, for pumps.

Miss., Natchez—Natchez Produce Co., capital \$15,000, incorporated; L. Leslie Farr, C. F. May.

Mo., Anderson—J. M. Tatum and associates interested in establishing plant to manufacture cheese.

Mo., Cape Girardeau—The South-East Missouri Packing Co., capital \$15,000, incorporated; L. C. Blattner.

Mo., Chaffee—Underwear—The Premier Manufacturing Co., Greeble Bldg., Lexington, Ky., moving plant from Lexington, increasing capacity.

Mo., Charleston—Charleston Sweet Potato Storage Co., Geo. W. Shelby, Pres., will erect 40x100-ft. building, concrete foundation, frame, wood floors, sheet iron roof; plans by State Dept.*

Mo., Creve Coeur—Houllhan Nursery Co., Mosley Rd. and Olive St. Rd., contemplates building storage house and addition to residence, estimated cost \$10,000; Jos. P. Houllhan, Sec. and Landscape Archt., 6319 Clayton Ave., St. Louis, Mo.

Mo., Hannibal—Zimmerman's Bakeries, Inc., incorporated; Henry Zimmerman, Elmer Magee, both Mexico.

Mo., Kansas City—Kansas City Creamery, capital \$18,000, incorporated; J. H. Patrick, 902 E. Ninth St.

Mo., Kansas City—Washers—Vulcan Manufacturing Co., W. C. Bauer, Pres., 1511 Cypress Ave., reported contemplates building \$35,000 factory building, 2-story, brick and steel.

Mo., Kansas City—Cleaners, etc.—Reed & Vogt, Inc., capital \$10,000, chartered; J. A. Read, 2517 East Thirty-ninth St.

Mo., Kansas City—Kansas City Creamery Co., capital \$18,000, incorporated; Eldon R. Lane, 3723 Central St.

Mo., Kansas City—The Hurley Theater Co., capital \$20,000, incorporated; Wm. N. Hurley, 2115 Linwood St.

Mo., Kansas City—Spaulding Auto Awning Co., incorporated; Ed. C. Hyde, Jr., 101 W. Sixty-sixth St.

Mo., Nevada—Hotel Mitchell Co., capital \$25,000, incorporated; W. C. Moore, C. A. Logan.

Mo., St. Louis—David Cohen Hat Co., capital \$10,000, incorporated; David Cohen, 5768 Westminster St.

Mo., St. Louis—Integral Waterproofing Co. Incorporated; Thos. J. Manahan, 4127 Gratiot St.

Mo., St. Louis—St. Louis Weekly Publishing Co. Incorporated; Walter A. Hays, Central National Bank Bldg.

Mo., St. Louis—D. Kerckhoff, 1001 S. Grand St., has permit for \$300,000 dairy, 4 story, brick; Fruin-Colnon Contracting Co., Merchants-Laclede Bldg., builder; L. Haeger, Archt.

Mo., St. Louis—Specialty Restaurant, Inc., chartered; J. A. Sohm, 2526 Belleview St.

Mo., St. Louis—Lincoln City Amusement Co., 6228a Easton Ave., incorporated; Wm. O. McMahon.

Mo., St. Louis—Missouri Lamella Roof Co., capital \$10,000, incorporated; E. A. Faust, 1 Portland Place.

Mo., St. Louis—Mechanical Articles, Etc.—James R. Kearney Corp., capital \$100,000, chartered; James R. Kearney, 3917 Olive St.

Mo., St. Louis—Burgess-Mason Printing Co., 311 S. Third St., capital \$50,000, incorporated; Chas. T. Burgess.

Mo., St. Louis—Tucker Upholstery Co., Inc., chartered; Isador Tucker, 5956 McPherson Ave.

Mo., St. Louis—Permway Electric Manufacturing Co., 2135 Pine St., increased capital \$10,000 to \$92,000.

Mo., University City—Contract Exterminator Co. Incorporated; Edw. A. League, 7015 Waterman St.

Mo., Versailles—Tweedy Shoe Co. of Jefferson City will establish shoe manufacturing plant; building nearing completion.

N. C., Ashboro—The Ashboro Laundry, Inc., capital \$100,000, chartered; Hugh C. Wolfe, M. S. Younts, both Greensboro.

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N. C., Asheville—Carolina Confectionery Co., capital \$40,000, incorporated; S. Leftgoff, 12 Cornelia St.

N. C., Asheville—Southside Hotel & Theater Corp., capital \$75,000, chartered; L. M. Frady, 43 Chestnut St.

N. C., Asheville—Manhattan Laundry, L. U. Grier, Pres., 81 Broadway, leased building on Broadway; reported will install \$50,000 new equipment, increasing capacity present plant.

N. C., Marion—Griswold Dairy Products, Inc., capital \$50,000, chartered; Geo. N. Griswold, Caroline G. Griswold, both Charlotte.

N. C., Monroe—Amusements—Lake Tonawanda, Inc., chartered; J. Earle Shute, J. T. Shute, Jr.

N. C., Raleigh—North State Electric Supply Co., capital \$100,000, incorporated; D. J. Thompson, Wake Forest Rd.

N. C., Winston-Salem—Fawls-Dickson Candy Co., capital \$100,000, incorporated; Walter Dickson, F. P. Rawls.

Okla., Ponca City—Wetherbee Electric Co., capital \$15,000, incorporated; Guy Wetherbee, Harris L. Danner.

Okla., Tulsa—Builders Supply Co., capital \$15,000, incorporated; L. E. Kimberlin, 1716 S. Quincy St.

Okla., Tulsa—Sand Springs Chemical Co., Otto Martin, has plant converting oil well waste into various chemicals; contemplates expanding to produce calcium chloride, epsom salts, iodine and other chemical products in quantities.

Okla., Tulsa—Ozark Chemical Co., Ritz Bldg., will erect \$35,000 plant addition, slow burning, with tile walls, tar and gravel roof, construction with own engineers; install \$350,000 special equipment for sulphuric acid plant, furnished by Pioneer Tank & Boiler Co., 18 N. Peoria St., Tulsa; Tulsa Boiler & Machinery Co., 2020 S. Union St., Tulsa; Love Bros., Aurora, Ill.; Superior Foundry, Nowata, Okla.*

S. C., Charleston—Ideal White Swan Laundry Co., capital \$35,000, incorporated; T. T. Hyde, 11 King St.; J. Addison Ingle, 59 Tradd St.

S. C., Columbia—Southern Footwear Manufacturing Co., incorporated; Chas. H. Gerald, 231 Waccaman Ave.

S. C., Greer—Merlweather G. Lewis, publisher of the Greer Citizen, advises: "We intend adding new printing equipment, possibly early in fall, when we also go to a semi-weekly paper."

S. C., Pageland—Amusements—Clear Water Park incorporated; T. A. Culledge, R. B. Funderburk.

Tenn., Chattanooga—The Roofing & Supply Co., 1210 Carter St., organized; C. A. Danner, Pres.-Mgr.; install general line sheet metal products. (See Machinery Wanted—Metal Working Machinery.)

Tenn., Johnson City—Patent Medicines—Smith Chemical Co., Walter G. Smith, Pres., let contract to Bayless Contracting Co. for manufacturing building on McClure St., 2-story, 75x110 ft., brick, triple factory windows; machinery all purchased; daily output 25,000 bottles medicine; Geo. McClure, contract for brick work.

Tenn., Kingsport—The Kingsport Tannery, Inc., and The Kingsport Extract Corp. reported plans increasing plants' capacity; install additional equipment.

Tenn., Knoxville—J. C. Smith Printing Co., 914 N. Broadway, incorporated; J. G. Smith, W. W. Sharp.

Tenn., Knoxville—Electric Maid Bakery Co. leased building at 10 Market Square; will remodel and establish branch; install electric ovens, electric doughnut machines, etc.; W. J. Hearin, 301 Dauphin St., Mobile, Ala., in charge.

Tenn., Knoxville—Farragut Marble Co., Cherokee Bldg., increased capital \$300,000 to \$500,000.

Tenn., Memphis—Ambrose Sporting Goods Co., capital \$25,000, incorporated; H. C. Ambrose, Albert Brandil, 1056 Kney St.

Tenn., Nashville—Electric Maid Bakery of St. Paul, Minn., reported leased building on West End Ave.; establish branch plant; John O. Green, 301 Dauphin St., Mobile, Ala., in charge.

Tex., Amarillo—The C. O. D. Produce Co., capital \$15,000, incorporated; A. E. Winters, Jr.; G. M. Relif.

Tex., Aransas Pass—Port Aransas Ferry & Transit Co. incorporated; S. A. Robertson, M. H. West.

Tex., Beaumont—Jefferson Amusement Co. increased capital, \$50,000 to \$75,000.

Tex., Cisco—Bedford-Carriage Stone Corp., D. E. Braucht, Pres., reported will soon begin construction of stone finishing plant; estimated cost \$50,000; to be in operation by Oct. 1.

Tex., Dallas—The Doctor Miller Laboratories, Inc., capital \$150,000, chartered; Dr. Samuel A. Miller, Andrews Bldg.

Tex., Edinburg—Edinburg Review reported contemplates building \$30,000 paper plant, brick and reinforced concrete construction.

Tex., Fort Worth—Leon Gross, 1301 N. Ballinger St., has permit for \$35,000 building at 321 S. Main St.; 2-story, 200x200 ft., to be occupied by the Pittsburgh Plate Glass Co., 1105 Calhoun St.

Tex., Fort Worth—Leak-Proof Roofing Co., capital \$10,000, incorporated; W. M. Johnson, Clark Stop, Arlington Heights.

Tex., Houston—Ingram Equipment Co., capital \$20,000, incorporated; L. E. Ingram, Second National Bank Bldg.

Tex., Houston—Merchandise—Herzog Galleries, capital \$50,000, incorporated; A. A. Sangster, 105 Avondale St.

Tex., Palestine—C. C. Woodson has moved printing plant from Quanah; will publish under name of Palestine Press; establish plant in old Brabagan building.

Tex., Port Arthur—Port Arthur News has permit for \$30,000 building to be erected at Fourth St. and Waco Ave.

Tex., Port Arthur—W. C. Muller of Galveston acquired the Forum Publishing Co. and The Labor Forum (job printing company and weekly labor newspaper); will publish.

Tex., Raymondville—F. A. Pagel of Yoakum let contract to M. H. Robertson for bottling plant, 2-story; install bottling machinery.

Tex., San Antonio—City let contract to Burke & Simms, Hicks Bldg., for 2000 ft.; to San Antonio Machine & Supply Co., 325 N. Center St., for 4000 ft., and to Alamo Iron Works, 130 Santa Clara St., for 4000 ft. fire-fighting hose.

Tex., San Antonio—Pants—Bell Manufacturing Co., Inc., 146 Lakeview Ave., has plant; will install sewing machines; daily output about 30 doz. (See Machinery Wanted—Sewing Machines.)*

Tex., San Antonio—Three Rivers Glass Co., Travis Bldg., increased capital, \$100,000 to \$150,000.*

Tex., Wichita Falls—Wichita Falls Wholesale Grocery Co., capital \$50,000, incorporated; C. H. Parker, 611 Indiana Ave.

Tex., Wichita Falls—Bailey Moline Hardware Co., capital \$100,000, incorporated; C. B. Bailey, 1708 Grant St.

Tex., Wichita Falls—Bishop's Kansas City Waffle House, capital \$30,000, incorporated; H. E. Jewett, W. Bishop.

Va., Bluefield—Cole Baking Co., capital \$250,000, incorporated; W. J. Cole, College Ave.

Va., Bluefield—Clothing—Ramage Manufacturing Co., capital \$25,000, incorporated; J. S. Hall, Federal St.

W. Va., Odamston—Adamston Flat Glass Co., capital \$250,000, incorporated; A. B. Curtin, W. D. Gribble; acquired old plant of Clarksburg Glass Co.; repairs are under way; will manufacture window glass, heavy glass for furniture, automobiles, etc.

Motor Bus Lines and Terminals

Miss., Biloxi—Golden Fawn Bus has permit for bus line from Alabama-Mississippi state line to Gulfport and from Gulfport to Laurel via Hattiesburg.

Okla., Oklahoma City—The D-B-M Transit Co. received permit for passenger line from Woodward to Guymon, through Hooker, Forgan, Beaver, Knowles, etc.

Okla., Oklahoma City—Yellow Cab Transit Co., 106 N. Broadway, has permit for bus line between Chandler and Sapulpa.

Tenn., Martin—Union Transit Co., C. B. Parrish, Pres., will establish bus line between Union City and Dresden, also from Mayfield to Dresden.

W. Va., Charleston—Charleston Interurban R. R. asks permit to operate bus line in east end of city.

Motor Cars, Garages, Filling Stations

Ala., Georgiana—Georgiana Chevrolet Co., Inc., chartered; R. W. Porter, S. R. Hartley.

Ala., Leeds—Barrett Auto Co., Incorporated; G. W. Barrett, R. W. Ford.

Ala., Selma—Automobiles—Dallas Securities Co., Incorporated; C. G. Tissier, R. P. Campbell.

Ga., Savannah—Moon Motor Co., 4400 N. Main St., St. Louis, Mo., will establish factory branch on Broughton St.

Ky., Ashland—Briant Motor Car Co. incorporated; J. R. Briant, F. Jacobs.

Ky., Henderson—Lambert Realty Co. will erect building on Elm St. between Second and Third; 60x100 ft., brick; to be occupied by Diamond Motor Sales Co.

Ky., Louisville—Western Auto Supply Co. incorporated; Wm. Friedlander, 2143 Barlinger St.

Ky., Russellville—Russellville Overland Co. incorporated; R. L. Kirkpatrick, W. L. Cardwell.

La., Covington—Frederick Planche Motor Co., Inc., capital \$50,000, chartered; E. J. Frederick, M. P. Planche.

La., Leesville—Dixie Chevrolet Co., Inc., capital \$15,000, chartered; J. L. Spotten, M. O. Dennis.

La., Monroe—Milner Motor Co., Washington and Desard Sts., plans \$35,000 addition to Walnut St. plant sometime within next 12 months.*

Md., Baltimore—The Arundel Trucking Co., 1913 W. Baltimore St., incorporated; E. Charles Gladding, Foster H. Fansean.

Md., Dundalk—Service Filling Station, Inc., capital \$25,000, chartered; Geo. F. Bamford, 3 Sunship Rd.

Miss., Biloxi—Aubert Motor Co., R. L. Aubert, Agt., receiving bids for combination garage and sales rooms on Twenty-fifth Ave., 2 story, brick with terra cotta trim.

Miss., Jackson—Dewees Nash Motor Co., capital \$25,000, incorporated; S. M. Simmons, 219 Beatty St.

Miss., Macon—Kaye Motor Co., capital \$30,000, incorporated; James B. Kaye, Samuel Kaye, Sr.

Miss., Waynesboro—Waynesboro Motor Co., capital \$50,000, incorporated; O. M. Otts, Geo. M. Carch.

Mo., Kansas City—Motor Accessory Corp., 2537 Madison Ave., has permit for \$18,000 building.

Mo., Springfield—J. W. Klinger, 924 E. Commercial, has plans for garage and storage building; brick.

Mo., St. Louis—F. H. Fitch, 3800 Baltimore Ave., Kansas City, reported acquired site cor. Ninth and Walnut Sts.; contemplates erecting garage, heavy concrete foundation, steel and brick walls; plans being made.

N. C., Durham—Lyon Motor Car Co., capital \$100,000, incorporated; F. L. Fuller, Watts St.

Okla., Hominy—Chaffin-Jones Motor Co., capital \$20,000, incorporated; L. A. Chaffin, Hominy; D. W. Jones, Blackwell.

Tenn., Knoxville—J. D. Carringer let contract to H. E. Rogers, 900 Jacksboro St., for \$35,000 garage cor. Kentucky and Park Sts., 2 story, 72x110 ft.

Tenn., Memphis—Richardson Motor Sales Co. let contract to F. J. Ozanne & Co., Empire Bldg., for \$30,000 sales building at Union Ave. and S. Wellington St., brick; E. L. Harrison, Archt., Fidelity Bank Bldg.*

Tex., Austin—Norwood Garage, O. O. Norwood, Owner, Littlefield Bldg., let contract to Frank Barron, 4411 Guadalupe St., on cost plus basis, to erect 4-story, 80x136-ft. garage with wing 46x100 ft., brick, stone and reinforced concrete, fireproof, circular ramps instead of elevators; parking space for 330 automobiles; building to carry 4 additional stories when needed; estimated cost \$125,000; Giesecke & Harris, Archts., 207 W. Seventh St.*

Tex., Dallas—Eagle Claw Auto Boot Co., incorporated; J. L. D. Blevans, 736 S. Beckley St., acquired plant and contemplates establishing additional factory, install Fortuna skiver, 15-ton power press, and stripping machine, latest model. (See Machinery Wanted—Skiver; Press; Stripping Machine.)*

Tex., Harrisburg—Channel Chevrolet Co., capital \$20,000, incorporated; E. E. Robertson, C. E. Sauer.

Tex., Jasper—Gibbs-Seal Motor Co., capital \$10,000, incorporated; John Seale, Jr., H. N. Gibbs.

Tex., Mercedes—Big Little Tire Co., capital \$10,000, incorporated; F. L. Young, A. D. Gwynne.

Va.-Tenn., Bristol—Henry Roberts will erect drive-in gasoline filling station at Cumberland and Lee Sts., to be occupied by City Service Stations, Inc.

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

Railway Shops and Terminals

Fla., Indiantown—Seaboard Air Line Ry. Co., S. Davies Warfield, Pres., Continental Bldg., Baltimore, Md., let contract to Sutton & Sutton, Atlantic National Bank Bldg., Jacksonville, for repair shops, roundhouses and general administration buildings; W. D. Faucette, Ch. Engr., Savannah, Ga.*

Ga., Atlanta—The Pullman Co., Pullman Bldg., Chicago, Ill., reported, establish \$1,000,000 repair shops; acquired 27-acre plant of United States Cast-Iron Pipe & Foundry Co., erect buildings and revamp plant for repairing cars, handle about 6000 cars annually; James Keeley, Pullman Co., Chicago, wires: "Pullman Co. has bought from U. S. Cast Iron Pipe & Foundry Co. 27 acres, buildings and machinery used by Pratt Engineering Co. at Kirkwood, an Atlanta suburb. Three months needed to rehabilitate shop, install new machinery, erect and equip new buildings, lay trackage, etc. Old foundry buildings to be made 14-stall car repair shop, upholstery and laundry in old and new buildings; 60,000 sq. ft. floor space in present plant; 50,000 additional will be built."

Mo., Poplar Bluff—Missouri R. R. Co., E. A. Hadley, Ch. Engr., St. Louis, Mo., reported will expend \$300,000 on construction of modern machine shop, concrete, steel and glass, fireproof; install 100-ft. turntable, 100 ft. long; used to repair engines and freight cars operating between Poplar Bluffs and Hoxie.

Tex., Fort Worth—Texas & Pacific Ry. Co., E. P. Mitchell, Ch. Engr., Dallas, reported, purchased 1600-acre tract and will begin building yards and shops about first of next year.

Roads, Streets and Paving

Large sums are being expended for roads, streets and paving in connection with Land Development operations. Details will be found under that classification.

Proposed Construction

Ala., Albany—City plans paving 6 streets in East Gadsden, including Tower Ave., Columbia Circle. Address City Clk.

Ala., Bessemer—City plans gutters and sidewalks on all avenues from Fourteenth to Eighteenth St. Address City Clerk.

Ala., Birmingham—City Comm. plans paving 8 streets, including Twenty-fifth, Twenty-seventh, Ninth; A. J. Hawkins, City Engr.

Ala., Decatur—State Highway Comm., Montgomery, receives bids soon for 2 mi. gravel, between Fish Pond and Morgan County line.

Ala., Huntsville—City, Fraser L. Adams, Mayor, plans paving Ward St., Fifth St. to city limits.

Ala., Jasper—State Highway Comm., Montgomery, plans 9 mi. road between Manchester, Walker County, and Winston line; K. G. Kain, State Highway Engr.

Ala., Mobile—City Comm. considering about 16 mi. street paving, estimated cost \$1,123,728.

Ala., Montgomery—City, W. L. Jackson, Clk., receives bids for about 21,000 sq. yd. paving, 1½-in. asphalt on 5-in. concrete base, bitulithic, vibrolithic and asphaltic concrete; J. M. Garrett, City Engr.

Florida—State Road Dept., F. A. Hathaway, Chmn., Tallahassee, received low bids for 11 roads and 5 bridges: Charlotte County, Project 589, drainage canal, Thompson & Mosley, Tampa, \$9924; Flagler County, Project 49-B, concrete bridges, F. M. Stuart Co., Jacksonville, \$48,602; Sarasota County, No. 614, grading, Walter J. Bryson, Jacksonville, \$118,086; Lake County, No. 687, grading, E. W. Ellis, Titusville, \$109,130; Suwannee County, No. 533, rock base, Baker & Faulks, Ocala, \$226,737; Citrus County, No. 633, rock base, W. P. McDonald Construction Co., Lakeland, \$125,788; Jackson County, No. 634-B, concrete bridge, Atlantic Bridge Co., Greensboro, N. C., \$64,279; Charlotte County, No. 564-C, concrete bridge, Wilson Pipe Co., Punta Gorda, \$39,203; Clay County, No. 659, grading, M. C. Winterburn, Inc., Jacksonville, \$121,213; Charlotte County, No. 564-B, rock base, Broadbent Construction Co., Ocala, \$173,027; Dade County, No. 669-C, grading, R. C. Huffman Co., Lake Wales, \$282,752; Citrus County, No. 682, rock base, McLeod Construction Co., Tampa, \$96,583; Lee County, No. 589, rock base,

Broadbent Construction Co., \$158,841; St. Johns County, No. 48-B, concrete bridge, Peterson & Earnhart, Montgomery, Ala., \$74,273; Columbia County, No. 504, rock base, Duval Engineering & Contracting Co., Jacksonville, \$162,319; Highlands County, No. 655, rock base, H. E. Wolfe, St. Augustine, \$96,249.*

Fla., Bradenton—City, George B. Wallace, Mayor, plans paving all unpaved thoroughfares in corporate limits; R. K. Van Camp, Commr. of Public Works.

Fla., Daytona Beach—City Planning Board plans extending Beach St. from Central Bridge; Walter A. Richards, City Mgr.

Fla., Fort Meade—City Commrs. plan additional 10 miles street paving.

Fla., Havana—Town, J. H. Turner, Clk., receives bids Aug. 31 for 21,000 sq. yd. street paving, with curb and gutter, 10,000 lin. ft. sewers, with holes, connections, etc., and 4100 lin. ft. 6 and 8 in. water mains, valves; plans on file and from Armes & Winthrop, Engrs., Tallahassee.

Fla., Miami—City, Ernest Cotton, Director of Public Service, receives bids about Aug. 16 for 66,804 sq. yd. 3-in. sheet asphalt on pit rock base, 18,806 lin. ft. curbing and gutter, 66,804 sq. yd. excavation, sidewalks; H. E. Ross, Clk.; B. M. Duncan, Engr. of Streets.*

Fla., Miami—Dade County Commrs. plan improving roads in rural sections, including completion Key Largo road, repaving causeway with asphalt and building several bridges. See Financial News—Bond Issues Proposed.

Fla., Palm Beach—Town, L. Trevette Lockwood, Mayor, receives bids Aug. 3 to widen, pave and resurface Ocean Blvd. from Second Ave. to Croker Property, 21,355 sq. yd. lime rock paving; 24,405 sq. yd. resurfacing; plans on file and from L. B. T. Southwick, Town Engr.; Edith Walker, Clk.

Fla., Palm Beach—Town, L. Trevett Lockwood, Mayor, receives bids Aug. 17 to widen Sunset Ave.

Fla., Pensacola—See Bridges, Culverts, Viaducts.

Fla., Sebring—City, Wm. E. Parrish, Mayor, plans 12 mi. 30-ft. concrete boulevard around Lake Jackson, also curb and gutter; estimated cost \$940,725; E. Clawson, City Engr.*

Fla., Tampa—Hillsborough County Commrs., W. E. Dickenson, Clk., plan street paving in Temple Terrace Estate.

Fla., West Palm Beach—City, M. J. Daugherty, Mgr., received low bid from West Construction Co., Volunteer Life Bldg., Chattanooga, at \$874,196, for street paving in Dist. No. 6-B; from F. McGuire Co., Norfolk, Va., at \$914,434, for Dist. No. 6-C.

Ga., Atlanta—City, Walter A. Sims, Mayor, plans expending \$93,000 to improve 17 streets.

Ga., Baxley—Appling County contemplates paving Wilson Highway, from Piney Bluff Bridge to Bacon County line. Address County Commrs.

Ga., Bakersville—Mitchell County Commrs., W. B. Ellis, Chmn., receive bids Aug. 4 for 5 roads: Sub grade and gravel about 1800 cu. yds Bakersville-Glen Ayre Highway; grade and build 4 mi. Bakersville Township, from concrete road near Roper's Ferry to intersection with Red Hill-Huntdale Highway, at Red Hill Township line; grading .8 mi. road, Red Hill Township, from point in Red Hill-Huntdale Highway to point near Forbes Siding; sub-grade and surface portion of Red Hill-Huntdale Highway, in Bradshaw Township; grade, surface and improve 1.5 mi. Bakersville Township, from point in Mine Creek Highway to intersection with State Highway No. 19; plans from Engr.

Ga., Savannah—State Highway Comm., East Point, received low bid from Harrison Engineering & Construction Co., 506 Mutual Bldg., Kansas City, Mo., at about \$1,300,000 for 44 mi. Coastal Highway, from Savannah to Darien through Bryan, McIntosh and Liberty Counties.

Ky., Bowling Green—City, A. S. Hines, Mayor, receives bids soon to pave 13 streets with asphalt.

Ky., Elkton—Todd County Commrs. plan primary roads. See Financial News—Bond Issues Proposed.*

Ky., Frankfort—City, C. T. Coleman, Mayor, receives bids Aug. 2 for paving East Main St. from east corporate limits to High; plans from City Clk. and W. J. Horigan and Associates, Inc., Engrs., 513 McClure Bldg., Frankfort, and 809 Realty Bldg., Louisville.

Ky., Manville—Boyle County Commrs. plan road building. See Financial News—Bond Issues Proposed.

Ky., Louisville—Jefferson County Commrs. plan building 3 roads: Mitchell Hill, Jefferson Hill and Holsclaw road; Merritt Drane, County Engr.

Louisiana—Louisiana Highway Comm., Baton Rouge, receives bids Aug. 10 to furnish gravel and build 4 roads in Sabine Parish: 8.994 mi. Many-Robeline, from end of gravel road, about 2 mi. from Many to Natchitoches Parish line, near Robeline; 4.081 mi. Many-Zwolle-Converso-DeSoto Parish line Highway, from point northwest of Many to end of gravel road east of Zwolle; 5.167 mi. Zwolle to point east of Noble; 4.506 mi. from Converse to DeSoto Parish line south of Benson; plans on file; W. B. Robert, State Highway Engr.

La., Delhi—Town plans sidewalk and street improvement; Charles D. Evans, Const. Engr., Shreveport, La.

La., Kenner—Jefferson Parish Police Jury, Gretna, receives bids Aug. 3 for hard surfaced road 10 to 20 ft. wide, Third St., Williams to Pollock; plans from Maj. Frank T. Payne, Engr., Jefferson Trust & Savings Bldg., Gretna.

La., Minden—Louisiana Highway Comm., Baton Rouge, received low bid from Belton Lattimer, Garrison, Tex., at \$53,348, for 12.036 mi. gravel, Minden-Lewisville Highway, Webster Parish.*

Maryland—State Roads Comm., 601 Garrett Bldg., Baltimore, receives bids Aug. 14 for 3 roads: Prince Georges County, 1 mi. concrete, along River Road, Bladensburg toward D. C. line, and along Suitland road, from Cemetery gate toward Suitland, Cont. P-68; 1.83 mi. gravel, from Silesia toward Piscataway, Cont. P-65; 1 mi. gravel, between Mariboro and Croom, Cont. P-69; John N. Mackall, Chmn.; L. H. Stewart, Sec.

Maryland—State Roads Comm., 601 Garrett Bldg., Baltimore, received low bids for 2 roads: Montgomery County, .40 mi. concrete from Sligo Ave. to Colesville road, parallel to Brookville pike, Gosnell, Russell Co., Frederick, \$12,810; Baltimore City, .48 mi. cement concrete base course along Belair road, Southern to Franklin Ave., American Paving & Contracting Co., Montebello Ave. and B. & O. R. R., \$50,933.*

Md., Baltimore—City, Howard W. Jackson, Mayor, plans expending about \$90,000 to pave 9 streets and avenues, including Elm, Snowdown, Yolando; Steuart Purcell, Highways Engr.; B. L. Crozier, Ch. Engr.

Md., Baltimore—City, Howard W. Jackson, Mayor, received low bids from Ward & O'Connell, New Amsterdam Bldg., at \$64,356, to pave 10 streets with cement concrete; Baltimore Asphalt Block & Tile Co., 1320 N. Monroe St., \$35,541 for sheet asphalt paving on 4 streets.

Md., Baltimore—Board of Awards receives bids Aug. 4 to grade, curb and pave with 9270 sq. yd. sheet asphalt streets in Cont. No. 358; plans on file; Steuart Purcell, Highways Engr.; B. L. Crozier, Ch. Engr.; Howard W. Jackson, Mayor.

Miss., Canton—Madison County Board of Supvrs. plans improving Pickens Pike and graveling road from Madisonville to Meek's Ferry Bridge; cost \$38,000. See Financial News—Bond Issues Proposed.*

Miss., Macon—Noxubee County Board of Supvrs., John A. Tyson, Chancery Clk., receives bids Aug. 3 to grade School Road Dist. No. 2, 12 or 14 mi. from Macon.

Miss., Oxford—City, Stanley Sneed, Mayor, receives bids soon to pave 2 streets.

Missouri—State Highway Dept., Jefferson City, receives bids Aug. 4 for 50 roads and 36 bridges: Caldwell County, 1.688 mi. 18-ft. concrete, Hamilton, east and west, 17,820 sq. yd. paving; Atchison County, 3.480 and 3.011 mi. 30-ft. graded earth, Fairplay-Craig, 97,501 cu. yd. excavation; bridge at Station 74 plus 83; Holt County, 2.031, 4.702 and .161 mi. 30-ft. graded earth, Mound City north, 3 bridges, at Station 482 plus 10, over Little Tarkio ditch, and Old Channel; Buchanan County, .663 mi. 18-ft. gravel, St. Joseph, east; 4.796 mi. 30-ft. graded earth, Easton-U. S. Route 36, 83,516 cu. yd. excavation; Adair County, 4.925, 4.683 and 1.218 mi. 30-ft. graded earth, Kirksville-Brashear, 155,866 cu. yd. excavation; 5 bridges, over stream, Salt River, Overflow, etc. 80-ft. steel span; five 20-ft. and twelve 20-ft. I-beam spans; Linn County, 4.779 mi. 18-ft. gravel, Linneus south, 38,310 cu. yd. excavation, 6002 cu. yd. paving; Schuyler County, 4.014 mi. 18-ft. gravel, Lancaster, south, 9994 cu. yd. excavation, 5270 cu. yd. paving.

In Monroe County, 2.746, 2.354 and 4.315 mi. 30-ft. graded earth, Paris, east and west, 92,665 cu. yd. excavation, redoor .052 mi. bridge over Salt River, Paris north, 34,830 ft. timber; Shelby County, 2.976 mi. 18-ft. gravel, Shelbyna, north, 21,884 cu. yd. exca-

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vation, 3738 cu. yd. paving; Platte County, 3,605 mi. 30-ft. graded earth, Parkville, north, 64,297 cu. yd. excavation; Saline County, 3,995 mi. graded earth, Marshall, west, 23,355 cu. yd. excavation; Maries County, 3,260, 3,074, 4,339, 4,047, 4,164, 3,763 and 3,931 mi. 30-ft. graded earth, Vienna, south, 240,104 cu. yd. excavation, bridge at Station 695 plus 92; Iron County, 284 mi. 30-ft. graded earth, Ironton, south, 7357 cu. yd. excavation, bridge over Stouts Creek, four 45-ft. deck girders; Perry County, 4,418 mi. 18-ft. gravel, Clarysville-McBride, 32,946 cu. yd. excavation, 5549 cu. yd. excavation.

In St. Charles County, 2,814 mi. 18-ft. gravel, U. S. Route 40, north, 44,980 cu. yd. excavation, 3588 cu. yd. paving; 2 bridges, over Balleau Creek and Wabash R. R., one 40-ft., two 25-ft., two 35-ft. and one 30-ft. deck girders; St. Francois County, 142, 306 and 336 mi. 30-ft. graded earth, Farmington, south, 30,947 cu. yd. excavation, bridges over Wolf, Plum and Little Rock Creeks; Franklin County, 199 mi. 30-ft. graded earth, Washington-Villa Ridge, bridge over C. R. I. & P. Ry. tracks, three 20-ft. slabs; Gasconade County, 249 mi. 18-ft. gravel, Rosebud, west, 4380 cu. yd. excavation, bridge over C. R. I. & P. Ry. tracks; McDonald County, 4,601 mi. 18-ft. gravel, Noel, north, 74,216 cu. yd. excavation, 5936 cu. yd. paving; Lawrence County, 303 mi. 18-ft. gravel, Aurora, east, 5113 cu. yd. excavation, bridge over Missouri-Pacific R. R. tracks, 35-ft. deck girder, two 20 and two 16-ft. slabs.

In Hickory County, 3,508 and 3,424 mi. 30-ft. graded earth, Quincy, south, 47,882 cu. yd. excavation; Pulaski County, 3,902 mi. 30-ft. graded earth, Dixon, south, 58,482 cu. yd. excavation; Phelps County, 3,902, 2,227 and 1,495 mi. 30-ft. graded earth, Rolla, north and east, 645,492 cu. yd. excavation, 4 bridges, over stream, East and West Branch Spring Creek, at Station 221 plus 60, two 20-ft., four 16-ft. slabs; Polk County, 4,786 mi. 18-ft. gravel, Fairplay, north, 42,438 cu. yd. excavation, 6035 cu. yd. paving, bridges, over stream, North and South Branch Jumpoff Creek, 30-ft. and 25-ft. deck girders, two 20-ft. slabs; Greene County, 4,665, 4,940, 3,030 and 2,923 mi. 30-ft. graded earth, Springfield-Ash Grove, 98,918 cu. yd. excavation, bridges over stream, Rill Branch, Clear Creek; Oregon County, 3,070 and 3,193 mi. 30-ft. graded earth, Thomasville, south, 88,081 cu. yd. excavation, bridges over Barren Fork, Mill Creek and Walnut Branch, Douglas County, 3,814 and 3,954 mi. 18-ft. gravel, Ava, west, 5534 cu. yd. excavation, 9758 cu. yd. paving; plans on file; B. H. Piepmeier, Ch. Engr.

South Carolina—State Highway Dept., Samuel McGowan, Ch. Highway Commr., Columbia, received low bids for 6 roads, bridges and approach; Abbeville County, 5,396 mi., Route No. 71, McKenzie & Johnston, Abbeville, \$27,762; 2 treated timber bridges on Route No. 71, A. S. King, Greenwood; Darlington-Lee Counties, approach to Lynches River Bridge, Route No. 414, Virginia Contracting Co., Bishopville, \$16,038; treated timber bridge over Lynches River, Route No. 414, W. B. Boyle Co., Sumter, \$33,179; Orange County, 4.28 mi. State Route No. 6, G. Frank Bamberg, Bamberg, \$12,189; Orangeburg County, 7,626 mi. State Route No. 6, McKenzie & Johnston, \$26,100; reinforced concrete bridge, Route No. 6, Newell Contracting Co., Greenville, \$8495; Williamsburg County, 6,832 mi., State Route No. 411, from Federal Aid Project No. 239 to Cooper, J. L. Carroll, Columbia, \$28,192; treated timber bridge, Route No. 411, W. E. Carpenter, Columbia; 9,579 mi. State Route No. 411, Cooper to Hemingway, J. L. Carroll, Columbia, \$51,621; 2 treated timber bridges, Route No. 411, Palmer Construction Co., Florence, \$7163; Lancaster County, 4,183 mi. State Route No. 9, W. C. McCoy, LaFayette, Ala., \$41,621; reinforced concrete bridge over Flat Creek, Route No. 9, Small & Triplett, Lancaster, \$8711.*

Mo., Carthage—City receives bids Aug. 9 to resurface Third, Grant and Fourth Sts. Address City Clk.

Mo., Jefferson City—City Clk. receives bids Aug. 2 to grade, pave with penetration bituminous macadam and lay cement concrete curb and gutter on Elm St., Cherry to Chestnut, 1635 cu. yds. excavation, 1410 sq. yd. paving; plans on file; F. E. Ross, City Engr.*

N. C., Charlotte—City, Edgar Reed, Clk., plans widening W. Fourth St., 9½ ft., between Mint and South Graham.

N. C., Durham—Durham County Commrs., H. L. Carver, Chmn., receive bids Aug. 9 for 32,000 sq. yd. asphalt, concrete or other pavement, with excavation, storm water drains, etc.; plans from County Clk. or Gilbert C. White Co., Engrs., Five Points.

N. C., Lexington—City, R. P. Earnhart, Clk., receives bids Aug. 8 for 15,843 sq. yd. paving, 6,596 lin. ft., and gutter 2,760 sq. yd., sidewalks, 20 catch basins; plans from N. R. Kinney, City Engr., James A. Leonard, Mayor.

N. C., Statesville—State Highway Comm., Raleigh, plans letting contract for Route No. 10 between Statesville, Iredell County, and Newton, Catawba County.

Okla., Oklahoma City—City, plans paving Lindsay Ave., between Sixteenth St. and Culberston Drive. Address City Clk.

Tenn., Bristol—City Commrs. plan 5-ft. sidewalk on Eighth St., from courthouse to Holston Ave. Bridge.

Tenn., Knoxville—Knox County Road Comm. plans expending \$50,000 to grade, rock, chert or oil various roads.

Tenn., Sparta—City, S. R. Ware, Mayor, receives bids to pave Public Square, 5250 sq. yd., surface 130 cu. yd. crushed stone, 290 sp. yd. concrete gutters, 770 lin. ft. concrete curb and gutter; plans from Edgar Pearson, Recorder, and Klyce & Harrub, Engrs., 506 Fourth and First National Bank Bldg., Nashville.

Tex., Alpine—Brewster County, H. Burke, County Judge, plans 11.81 mi. grading and bridges, Highway No. 3, Sta. 3079 plus 00, to Sta. 3703 plus 00; John Stovell, County Engr.

Tex., Angleton—Brazoria County, J. T. Loggins, County Judge, plans 4 mi. grading and surfacing, Highway No. 58, Matagorda County line to Bernard River; estimated cost \$30,000; E. N. Gustafson, Engr.

Tex., Bay City—Matagorda County, W. E. McNabb, County Judge, plans 1 mi. concrete, Highway No. 60, end of Federal Aid Project 428 to connect with paving inside city limits of Bay City; estimated cost \$30,000; E. N. Gustafson, Engr.

Tex., Carrizo Springs—Dimmitt County, W. H. Davis, County Judge, plans 30 mi. Rainbow Trail, State Highway No. 55, through county, from Uvalde to Laredo; G. M. Jowers, County Engr., Crystal City. See Financial News—Bonds Issues Proposed.*

Tex., Coldspring—San Jacinto County, D. M. Love, County Judge, plans grading, bridges and gravel surfacing 3 roads: 13.44 mi. Highway No. 35, Trinity River to Liberty County line, estimated cost \$255,000; 15.15 mi. Coldsprings-Old Waverly road, Coldsprings to Walker County line, estimated cost \$196,800; 36.67 mi. Highway No. 45, Shepherd to Walker County line, estimated cost \$453,600; J. D. Speller, County Engr.

Tex., Columbus—Colorado County, B. H. Faber, County Engr., plans 286 mi. concrete, Highway No. 3, through Eagle Lake.

Tex., Corpus Christi—Nueces County, Jesse Wright, County Judge, plans 1.59 mi. 10-in. compacted macadam base, 1 in. rock asphalt top, Highway No. 16; estimated cost \$36,057; H. Levison, Engr.

Tex., Dallas—City Comm. plans widening 7 blocks Second St. to 60 ft.; R. A. Wylle, Street Commr.

Tex., Dallas—Dallas County, Chas. E. Gross, County Auditor, receives bids Aug. 2 for 2965 ft. grading and paving, Trinity Heights and Packing House road; plans from City Engr.

Tex., Denison—City plans expending \$53,000 to pave Rusk, Austin and Monterey Sts. Address City Clk.

Tex., Georgetown—Williamson County, F. D. Love, County Judge, receives bids Aug. 17 for 6.01 mi. gravel and macadam base, Highway No. 2-B, Hutto to Round Rock; estimated cost \$42,000; M. C. Welborn, Res. Engr.*

Tex., Groveton—Trinity County, J. H. Purdue, county Judge, plans 9.778 mi. grading and bridges, Highway No. 106, from point 6 mi. west of Groveton to Houston County line, estimated cost \$51,300; J. O. Booker, Res. Engr., Lufkin.

Tex., Houston—City, O. F. Holcombe, Mayor, received low bid from A. N. Fitzgerald, 615 Peden St., at \$424,271 for grading and 5500 yds. brick surfacing on north approach to Sixty-ninth St. Bridge.*

Tex., Houston—Harris County, H. L. Washburn, County Auditor, receives bids Aug. 11 to grade 2 roads: Myawka-Minnitex-Alameda; Eli Nolan Road.

Tex., Houston—City, O. F. Holcombe, Mayor, plans expending about \$10,000 to improve sidewalks and streets around Capitol Ave. fire station; J. C. McVea, City Engr.

Tex., Houston—A. Feldman, Owner, Feldman Court, plans asphalt paving from intersection Rosedale and Liveoak to Kuhlman road, connecting Feldman Court properties with River-

side Terrace and vicinity; cost over \$45,000.

Tex., Jourdan—City, L. B. Leggett, Mayor, receives bids July 31 for grading, drainage structures and base course for surfacing 2 mi. streets; estimated cost \$30,000; Jas. V. Curnutte, Engr.

Tex., Leakey—Real County Commrs. plan road building, cost \$50,000. See Financial News—Bond Issues Proposed.

Tex., Llano—Llano County, A. E. Moore, County Judge, plans constructing drainage structures on Pecan Belt Highway; L. J. Nachtrab, Div. Engr., 722 Cong. Ave., Austin.

Tex., Three Rivers—City, Henderson Coquat, Mayor, plans street paving; cost \$40,000. See Financial News—Bond Issues Proposed.

Tex., San Antonio—Bexar County, Augustus McCloskey, County Judge, plans 5.15 mi. grading, bridges and bituminous surfacing, Highway No. 81, Gonzales road, from point 14 mi. southeast of San Antonio to Wilson County line; estimated cost \$35,000; A. C. Pancoast, County Engr.

Tex., Waxahachie—Ellis County, H. R. Stovall, County Judge, plans 8.766 mi. grading and bridges, Highway No. 6, Waxahachie Road Dist.; estimated cost \$81,300; W. A. Spalding, County Engr.

Tex., Wichita Falls—City receives bids Aug. 1 for hard paving on 9 streets; estimated cost \$45,000; F. M. Rugley, City Engr.

Va., Fort Myer Heights—Arlington County Board of Suprvs. plans improving Lee Blvd. from Fairfax line to Rosslyn.

Va., Richmond—City, R. Keith Compton, Director of Public Works, receives bids Aug. 3 to grade, gravel, curb and gutter streets in 4 sections. Group 5, West End; Group 6, North Side; Group 7, East End; Group 8, South Side; plans on file.

W. Va., Morgantown—State Road Comm., F. B. Carskadon, Sec., and Monongalia County Court, John M. Gregg, Clk., receive bids Aug. 9 for 3.7 mi. grading and draining, Morgantown-Mt. Morris road between end of concrete pavement and Pennsylvania State line; plans on file and from Div. Engr., Morgantown.

W. Va., Morgantown—Monongalia County Court, W. L. Parks, Pres., receives bids Aug. 16 to grade, drain and surface with Amiesite on Telford base, or concrete slab, 2 mi. Bula-Miracle Run road, Battelle Dist.; plans on file from Clerk of Court, and A. J. Bartlett, County Road Engr.

W. Va., Wheeling—City plans repairing road from Peninsula Bridge to Fulton Bridge, from Fulton Bridge to Fourth St. along Center St. Address City Mgr.

Contracts Awarded

Ala., Bessemer—City, let contract to Sullivan, Long & Haggerty, at \$27,751, to pave Arlington Ave., and at \$12,072 to pave Berkley St. and an additional Arlington block.

Ala., Birmingham—City Comm. let contracts at \$153,486 to pave 5 streets; H. N. Bowdry, Farly Bldg.; Dunn Construction Co., Chamber of Commerce Bldg.; Morgan-Hill Paving Co., Woodward Bldg.; Southern Roads Co., 104 W. 17th St.; Independent Paving Co., American Trust Bldg., all Birmingham.*

Ala., Heflin—State Highway Comm., Montgomery, let contract for 23.34 mi. grading in Cleburne County between Heflin and Georgia State line; to J. W. Gwin, Hamilton Station, Birmingham, at \$196,406; for bridges, to Southern Construction Co., Inc., 615 S. 11th St., Birmingham, at \$99,008.*

Fla., Bradenton—Manatee County Commrs. let contract to McDonald Construction Co., Lakeland, at \$184,665 for 9-ft. wide, 6-in. limerock base, asphalt and slag top, on 2 roads: Edgeville-Sugar Bowl and Myakka City-Hardee County.

Fla., Dunnellon—City, F. K. North, Clk., let contract to Ridge Engineering Co., Live Oak, for 28,470 sq. yd. sidewalk paving.*

Fla., Frostproof—Langston Construction Co., Orlando, has contract at \$120,000 for 24-ft. boulevard on Lake Clinch, First to Ninth St.

Fla., Lakeland—City, Anton Schneider, Mgr., let contract to James G. Yeats Co., Citrus Exchange Bldg., Tampa, at \$396,000, for 7 mi. new brick on sand base, and 2½ mi. asphalt filler paving, curbing, grading and excavation.*

Fla., Sarasota—City, J. R. Brumby, Jr., Commr. of Public Works, let contract to P. A. McIntyre Co., Bradenton, at \$10,898, for concrete sidewalk paving.*

Fla., Stuart—Martin County Commrs., H. N. Gaines, Chmn., let contracts to widen and

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

pave 2 roads: 3.2 mi. 16-ft. marl paving, Gaines Highway from Seaboard Air Line crossing at Indiantown to end of present paving, McVay Lindsay & Son, \$39,900; 7 mi. from Dixie Highway, Stuart to south fork bridge, Leslie A. Dever, \$58,070.*

Georgia—State Highway Comm., East Point, let contract for 6 roads and bridge: Glynn and Camden Counties, 5 mi. grade, between Brunswick and Florida line, Gibson Construction Co., 205 E. Bay St., Savannah, \$67,609; Newton County, 6 mi. macadam, C. M. Lyle, Blairsville, \$49,232; Pierce County, 8.4 mi. rebuilding between Waycross and Jesup, Scott & Dunn Co., Thomasville, \$69,966; Wheeler County, concrete bridge, between Glenwood and Mount Vernon, E. M. Williams, Monroe, Ga., \$13,643; Grady County, 6.7 mi. pebble soil surface, between Cairo and Baldwin bridge, Scott & Dunn Co., \$34,108; Baldwin County, .182 mi. sand-clay surface, Milledgeville to Irwinton, Nicholas Contracting Co., 1 La France St., Atlanta, \$37,385; Washington County, 2.627 mi. gravel surface, Sandersville to Tennille, E. G. Martin, Covington, \$13,816.

Kentucky—State Highway Comm., Frankfort, let contract for 2 roads: Carlisle County, 6.820 mi. surfacing Bardwell-Clinton road, Bardwell to Hickman County line, Taylor, Petrie & Co., Lewisport, \$57,592; Fulton County, Road Project No. 54, Hickman to Fulton County line, on Tennessee line, N. E. Stone & Co., Madisonville, Ky.*

Ky., Murray—City let contract to Federal Asphalt Paving Co., Hamilton, Ohio, at \$60,000 to pave Olive, Main, Poplar, Fifth and Sixth Sts.

La., Alexandria—City let contracts at about \$105,000 to Thurber Construction Co., F. & M. Bldg., Fort Worth, to pave Lee and Dartmouth Sts. with brick and gravel; to Carbo & Wilks, Alexandria, to pave Tenth St. with reinforced concrete.*

La., Benton—Bossier Parish Police Jury let contract to Ballo & Terry, Cotton Valley, at \$40,831, to grade and gravel 6 mi. Rocky Mount-Cotton Valley Highway.

La., Baton Rouge—City Comm. let contract to R. G. Lassiter & Co., Citizens Bank Bldg., Raleigh, at \$26,805 for 3-in. brick on 5-in. base, River road; at \$12,906 for Warrenite bitulithic, Government St.; to Southern Roads Co., at \$20,982 for Warrenite bitulithic on 4 streets.

Miss., Cleveland—Bollivar County Board of Suprvs. let contract to Horie & Gordon, Jackson, at \$26,000 for 1 mi. concrete pavement.

Miss., Houston—Chickasaw County Board of Suprvs. let contract to G. J. Pennington, Oakville, at \$78,000, for 9 mi. gravel between Houston and Vardaman.

Miss., Port Gibson—Clalborne County Board of Suprvs. let contract to Kulze-Hampton Co., Fordyce, Ark., at \$46,000 for 6 mi. gravel road, Project No. 176-B.

Miss., Ripley—Tippah County Commrs. let contract to Young-Hall Construction Co., Wagona, at \$53,000 for 8 mi. gravel between Ripley and New Albany.*

Mo., Gower—City let contract to DeJarnett & Schrader Co., Sedalia, to pave about $\frac{3}{4}$ mi. streets.*

Mo., Joplin—City, let contract to E. Koch, to pave Jackson, Virginia Ave and alley; H. Kost, to pave Jackson, Sixteenth to Twenty-second; Granite Bituminous Paving Co., to pave North Joplin St.

Mo., Kansas City—N. A. Kramer Construction Co. has contract for connecting link between old Troost Ave. pavement at 63d and new at 65th.

Mo., Kansas City—City, Matthew S. Murray, Director of Public Works, let contract to pave 15 streets: James O'Connor, Glennon & Co., Julius Turner, Halpin-Boyle Construction Co., J. E. Welsh, Halpin-Dwyer Construction Co., Brosnahan Bros.; to grade 2 streets: W. C. Mullins Construction Co.

Mo., Kirksville—City let contract to S. L. Eggert, Kirksville, at \$2.60 per sq. yd. to pave S. Elson with brick on crushed stone filler, at 80 cents per foot for curbing; at \$2.69 per sq. yd. for reinforced concrete on West Elm St., and 81 cents for curbing.

Mo., Macon—Hannibal Construction Co., Hannibal, has contract at \$12,461 to pave Weed St., Hollins to Wentz.

N. C., Raleigh—State Highway Comm. let contract to Nello L. Teer, Greer Bldg., Durham, at \$101,000 to hard surface Route No. 21, Wake County, from Harnett County line toward Raleigh.

N. C., Shelby—A. P. Weathers, Mayor, let contract to Zeb Weathers & Sons, at \$1.14½ pe sq. yd. for 9.060 cu. yd. concrete sidewalks, and at 45 cents per sq. yd. for 1260 cu. yd. excavation.*

N. C., Spencer—Board of Aldermen let contract to Hedrick Construction Co., Salisbury, at \$112,000 for street improvement.

Okla., Ada—City, Lee Daggs, Clk., let contract to Hill Construction Co., Ada, at about \$25,000, for 6 blocks 6-in. one-course concrete street paving.*

Okla., Oklahoma City—City, M. Peshek, Jr., Clk., let contract to Western Paving Co. at \$21,132 to widen North Robinson St., Tenth to Thirteenth St.*

Tex., El Paso—El Paso County, E. B. McClintock, County Judge, let contract to El Paso Bitulithic Co., 160 N. Piedras St., at \$26,395 to pave Depot road with asphalt, 20 ft. wide, with 3-ft. shoulder on each side, from Davis St. to intersection Upper Valley road at Main St.*

Tex., Galveston—City, Anne C. Kelly, Sec., let contract to J. P. Foty, Galveston, at \$12,461, to pave Ave. K; C. A. Holt, Jr., City Engr.

Tex., Harlingen—City Comm. let contract to F. P. McElwrath, Corsicana, at about \$125,000 for 83 additional miles street paving, $\frac{1}{2}$ -in. asphalt on 8-in. gravel base.

Tex., Raymondville—City Comm. let contract to Southwest Bitulithic Co., 711 Gunter Bldg., San Antonio, for 6-in. reinforced concrete paving on various streets, including Hidalgo.

W. Va., Welch—City, I. W. Blakely, Mayor, let contract to Mirabile & Defuria, Welch, at \$75,000, for 7000 ft. 16 and 20 ft. grading and concrete and Kentucky rock asphalt paving and sewers, and 14,000 lin. ft. gutter and curb.*

Va., Wise—W. T. McArthur & Co. have contract for $\frac{1}{2}$ mi. bituminous macadam road between Coeburn and Norton, Wise County; E. S. McCorkle, Johnson City, Tenn., supervising construction.

Sewer Construction

Large sums are being expended for sewage facilities in connection with Land Development operations. Details will be found under that classification.

Ala., Birmingham—City will make survey for sanitary sewers in Greenwood Section, East Birmingham; W. A. Hardenbergh, Sanitary Engr.; H. D. Perkins, Chief of Division of Sanitation.

Ala., Dothan—City voted \$45,000 bonds for sanitary sewers.

Fla., Avon Park—City has \$210,000 available for sanitary sewer system, sewage disposal plant and pumping stations. See Financial News—Bond Issues Proposed.

Fla., Havana—See Roads, Streets, Paving.

Fla., Orlando—City, J. A. Stinson, Clerk, let contract at \$261,736.30, to Charles K. Horton, W. Gore Ave., for construction of sewerage system, including septic tanks; Morton Macartney, City Engr.

Fla., West Palm Beach—W. S. Lockman Construction Co. has contract for sewer construction in north and central boroughs.

Ga., Augusta—City has \$200,000 available for sewer improvements. See Financial News—Bond Issues Proposed.

Ga., Columbus—City Commn. authorized construction of sanitary and storm sewers in C. F. Williams' survey in Wynnton at cost of about \$10,000; George N. Mitcham, City Mgr.

Ga., Rossville—City, J. S. Alsbrook, Mayor, has \$80,000 available for sewer system. See Financial News—Bond Issues Proposed.

La., Lake Charles—City let contract at \$12,725.45 to A. M. Mutersbaugh to install sewer pipe.

Md., Baltimore—City will construct storm water drains on Third St., Eastern Ave. to Bank St. and on Bank St., Third to Eighth St.; also storm water drains and sanitary sewers on Homestead St., Polk St. to Ellerslie Ave.; Milton J. Ruark, Sewerage Engr.

Md., Baltimore—Board of Awards, Milton J. Ruark, Sewerage Engr., receives bids August 4 for storm drain and sanitary sewers in Dists. 39, 49 and H-6.

Miss., Ellisville—City, L. W. Ruffin, Mayor, receives bids Aug. 20 for sanitary sewer system; Howorth & Watson, Engrs., P. O. Box 201, Hattiesburg. (See Machinery Wanted—Sewers.)

Miss., McComb—City will receive bids August 17 for extension to sewer system, includ-

ing Imhoff tank, sprinkling filters, two 1000 g.p.m. pumps with motors and dosing chamber, to cost about \$45,000; Lee W. King, City Engr.

Mo., Charleston—City receives bids August 12 for construction of four sewage pumping stations, No. 1, 750 GPM; Nos. 2, 3 and 4, 250 GPM each, each against 30-in. total head; L. T. Berthe, City Engr.; Wilcox & Berthe, Conslt. Engrs., 924 Chemical Bldg., St. Louis, Mo.

Mo., Excelsior Springs—City plans \$35,000 extension to sewer system, open bids about August 17; Haskins & Crawford, Engrs., 822 Finance Bldg., Kansas City.

Mo., Jefferson City—City plans extending sanitary and storm sewer system. See Financial News—Bond Issues Proposed.

Mo., Joplin—City, let contract to Fred Briggs, 218 W. Third St., for 8-in. tile sewer on alley between Grand and Missouri Aves., from Eighth to Tenth Sts. in Dist. No. 2.

N. C., Charlotte—Board of Commrs., Edgar Read, Clerk, received bids Aug. 3 for additions to Sugar Creek Disposal Plant; William M. Platt, Engr., Durham.

Okla., Oklahoma City—City, M. Peshek, Jr., City Clerk, receives bids August 5 for Division C, North side Sanitary Main Sewer extension and Division D, North side Sewage Disposal works.

Okla., Sand Springs—City Commn. will receive bids about Sept. 15 for storm sewer system, including 96-in. to 18-in. sewers; cost \$187,000; Cloe Tingley, City Engr.

Tex., Alto—City plans \$40,000 sewer system; E. P. Palmer, Mayor.

Tex., Corpus Christi—W. J. McCollum, Shell Rd., and Dr. L. E. Miller, 1510 Leopard St., owners of Highland Estates, will install sanitary sewers.

Tex., Dallas—See Water Works.

Tex., El Campo—City let contract at \$54,078.32 to Agar & Gentry, San Benito, for sewer system; F. J. Von Zuben, Engr., 611 Dan Waggoner Bldg., Fort Worth.

Tex., Estelline—See Water Works.

Tex., Houston—City will expend \$65,000 for storm sewers and \$5100 for sanitary sewers on Navigation Blvd.

Tex., Houston—G. L. Fugate, Asst. City Engr., has plans for storm sewer on Canal St., between Milby St. and Houston and Texas Central tracks.

Tex., Houston—Chas. K. Horton, 2202 Clay Ave., low bidder at \$28,372 for rebuilding sanitary sewers on McKinney Ave., Milby St. to St. Bernard; J. C. McVea, City Engr.

Tex., Richmond—City plans complete sanitary sewer system and sewage disposal plant; cost \$150,000; Sanitary Engineering Co., Consulting and Supervising Engrs., P. O. Box 1512, Houston. See Financial News—Bond Issues Proposed.

Tex., San Benito—City plans construction of storm sewer system to cost about \$23,000; Bruce Gentry, City Engr.

Tex., Wheeler—See Water Works.

Va., Richmond—City received bids Aug. 2 for construction of sanitary sewers in Fifteenth, Main and Cary St.; R. Keith Compton Director of Public Works.

W. Va., Huntington—City, A. B. Maupin, City Engr., receives bids August 2 for constructing trunk sewer beginning at mouth of Four Pole Creek and along creek to Seventeenth St.; Barstow & McCurdy, Engrs., Akron, Ohio. (See Machinery Wanted.)

Telephone Systems

Ky., Augusta—The Northern Kentucky Mutual Telephone Co., capital \$2,000,000, incorporated; C. R. Bradley, Pres.; C. L. Hook, Sec.; will install automatic equipment and extend service throughout Bracken County.

Tenn., Bristol—Inter-Mountain Telephone Co., W. N. McAnge, Jr., Pres., have taken over the Johnson County Telephone Co.; company now operates systems in Bristol, Mountain City, Johnson City, Glade Spring, Kingsport and Elizabethton.

Tenn., Newport—Newport Telephone Co., capital \$15,000, incorporated; C. E. Ottinger, A. G. Holland.

Tex., Lubbock—State Telephone Co., Temple Ellis Bldg., capital \$1,500,000, incorporated; E. H. Hendricks, local Mgr.; changed name from Pankhandle Telephone Co.

Tex., Sherman—Northern Texas Telephone Co. increased capital to add to cable and switchboard capacity; materials all purchased.*

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

W. Va., Huntington—Chesapeake & Potomac Telephone Co., S. S. Flannagan, local manager, contemplates laying about 3 mi. underground conduit in section east of Twelfth St.; applied for permit.

Textile Mills

Ala., Prattville—Hessline & Co., Inc., E. J. Hessline, 777 Worth St., New York, reported will expend \$50,000 for improvements to Autauga Cotton Mills.

Ga., Flintstone—Yates Bleachery Co., A. E. Yates, Pres., will install machinery; double capacity of plant.

N. C., Smithfield—Smithfield Mills, Inc., chartered; Sam T. Honeycutt, James H. Abell.

Tenn., Chattanooga—Peerless Woolen Mills started construction \$100,000 addition, 142x435 ft., mill type, brick walls, steel framing, wood floors, sprinkler system; J. W. Edwards, 618 Hanover St., has contract for brickwork; Key-James Brick Co., Alton Park, for brick; Converse Bridge & Steel Co., Chattanooga, now constructing steel frame; ultimate cost, including machinery, \$600,000.

Tex., Cuero—Chamber of Commerce and P. M. Keller, Belton, promoting Cuero Cotton Mills Co.; plan erection 5000 spindle yarn mill.

Tex., Sherman—Pool Knitting Mills in creased capital, \$25,000 to \$50,000.

Va., Pulaski—Paul Knitting Mills, Inc., let contract to C. J. Kennedy for 14x20 ft. brick, concrete and steel stair tower and 30,000 gal. wood water tank.*

Water Works

Large sums are being expended for water-works in connection with Land Development operations. Details will be found under that classification.

Ark., Conway—City plans installing 12-in. water mains.

Ark., Marianna—Plans now completed for rebuilding water works system at cost of \$120,000, including building to house machinery, additional pump, filtration plant, replacing mains, installation of fire hydrants and additional reservoir. See Financial News—Bond Issues Proposed.

Fla., Canaveral—See Miscellaneous Construction.

Fla., Havana—See Roads, Streets, Paving.

Fla., St. Petersburg—City will lay water mains in Roosevelt Groves, owned by Largo Investment Co.

Fla., Vero Beach—City has construction under way on 2,000,000 gal. steel water tank; work soon to be started on water treating plant.

Ga., Augusta—City has \$85,000 available for construction of reservoir. See Financial News—Bond Issues Proposed.

Ga., Macon—Board of Water Commrs. will construct 8-in. water main, Central City Park to City Reserve.

N. C., Elizabeth City—Utility Comm. receives bids Aug. 17 for improvements to water works system; Wm. C. Olsen, Const. Engr., Raleigh.

N. C., Lincolnton—City, C. G. Rudisill, Mayor, will improve water works system, including erection of filtration plant; cost \$25,000; Harwood-Beebe Co., Engrs., Spartanburg, S. C.

N. C., Morganton—State Hospital will make additions to water works; purchased 1500 acres containing stream, connect with present mains; cost \$50,000; H. E. Miller and J. E. F. Wilson of Wiley & Wilson, Peoples' National Bank Bldg., Lynchburg, Va., and C. E. Ray, Jr., of State Dept. of Conservation and Development, Engrs., Raleigh.

N. C., Warrenton—City plans improvements to water system. See Financial News—Bond Issues Proposed.

Okla., Broken Arrow—City, Mary E. McAnally, Clerk, let contract to W. A. Beck, 1147 S. Evanston St., Tulsa, for 40-ft diam. brick well; Wood and Witten, Const. Engrs., 246 Lynch Bldg., Tulsa.

Okla., Oklahoma City—Levy Bros., Mercantile Bldg., developers of Edgemere Park addition, plans extension of water mains; city authorized construction of sewer mains.

Okla., Okmulgee—Contract for pipe line for water works awarded to Callahan Construc-

tion Co., Kansas City, Mo.; W. E. Carpenter, Commr. Public Works; W. C. Hallock, City Engr.; L. F. Harza, Const. Engr., 919 Monadnock Bldg., Chicago, Ill. (See Machinery Wanted; Valves (Gate); Meters; Sluice Gates; Nozzles; Pipe Fittings).

S. C., Chester—City let contract to Tucker & Laxton, Charlotte, N. C., for constructing dam 1½ miles long, filter plant, reservoir and other water works and sewerage improvements; Charles V. Flack, Forest City, N. C., will construct water and sewer lines; U. S. Cast Iron Pipe Co., Birmingham, Ala., will furnish pipe; and the Grinnell Co., Charlotte, N. C., valves and hydrants; Chicago Bridge & Iron Co., Healey Bldg., Atlanta, Ga., will construct standpipe in East Chester; Shearman Concrete Pipe Co., Knoxville, Tenn., will furnish sewer pipes.

Tex., Canton—City W. J. Bailey, Mayor, will construct \$25,000 pumping plant and reservoir; Joe White, Engr., Tyler.

Tex., Dallas—Floyd & Lochridge, 519 Wilson Bldg., will incorporate Colonial Park; install water and sewer systems to be connected with Dallas mains; cost about \$100,000; owners are engineers.

Tex., Estelline—City plans water works and sewer systems. See Financial News—Bond Issues Proposed.

Tex., Fort Worth—City will receive bids about Aug. 1 for 5 miles 60-in. conduit from Lake Worth to city; O. E. Carr, City Mgr.; D. L. Lewis, City Engr.; J. H. Gregory, Const. Engr., Baltimore, Md.

Tex., Groom—City plans \$30,000 water works system; Morrison & Hasie, 1125 Athletic Club Bldg., Dallas. See Financial News—Bond Issues Proposed.

Tex., Marlin—City, Levi Goodrich, Engr. and Supt. of Water Works, plans extension to water works system to cost \$10,649, including 6000 ft. 6-in. and 4850 ft. 4-in. cast iron pipe.

Tex., Rochester—City plans new water works system. See Financial News—Bond Issues Proposed.

Tex., Three Rivers—City plans water works system. See Financial News—Bond Issues Proposed.

Tex., Wheeler—City plans water works and sewer improvements. See Financial News—Bond Issues Proposed.

Tex., White Deer—City has plans in progress by Morrison & Hasie, 1125 Athletic Club Bldg., Dallas, for \$30,000 water works system.

W. Va., Huntington—Huntington Water Corp., 720 Fourth Ave., probably extend water mains on Ritter Hill.

Woodworking Plants

Ala., Gadsden—Shipley Cooperage Co., Inc., capital \$25,000, chartered; Thomas Shipley, J. A. Anderson.

La., Roseland—The Roseland Veneer & Package Co. reported plans installing electric power equipment in connection with proposed rebuilding portion of burned plant.*

Miss., Monticello—Monticello Veneer Co., W. S. Fairman, Sec., has new plant, daily

output 10,000 to 15,000 ft. veneers; will install complete Merritt unit for manufacturing and drying commercial veneer and box veneer.*

Mo., St. Louis—St. Louis Woodwork Co., incorporated; E. A. and Harris B. Henning.

N. C., Plymouth—The National Handle Co. let contract to W. C. Miller for three factory buildings; 2 frame and concrete structures, 50x200 ft., and brick boiler and engine house, 50-ft. square; manufacturers handles of all kinds.

Tex., Houston—Crain Ready-Cut House Co. has plans for rebuilding burned plant.*

Tex., Port Arthur—Pace Furniture Co., 349 Fifth St., increased capital, \$15,000 to \$30,000.

FIRE DAMAGE

Ark., Clarendon—J. R. Haynes' residence.

Ark., Conway—Conway Compress Co.'s plant; loss \$350,000.

Ga., Atlanta—Residences of Henry M. Wood and Van Hoyt Deadwyler, 53-55 E. Georgia Ave.; loss \$10,000.

Md., Mount Airy—Trinity M. E. Church, South, Rev. W. E. Canoles, Pastor; loss \$15,000 to \$20,000.

Miss., Clarksdale—City barn; loss \$15,000; W. S. Bobo, City Engr.

Miss., Farrell—Mrs. M. C. Wall's residence and store; G. K. Watson's residence, store and post office; loss \$12,000.

Miss., Oxford—The Oxford Ice Plant, True-Hixon Lumber Co.'s planing mill; loss \$75,000.

Mo., Joplin—Buildings at 1414-16 Main St., owned by Mrs. Harry Miller, occupied by Star grocery, South Joplin hardware and James M. Walber barber shop; loss \$12,000.

Mo., St. Louis—Building at 1307 Biddle St., occupied by Pillow Manufacturing Co., Mississippi Live Fish Market and Peoples Bargain Store.

Mo., Springfield—Heer Stores Co.'s garage, storeroom and power plant building. Address A. O. Franchere, Asst. Gen. Mgr.

Tenn., Gallatin—Commercial Hotel on Railroad Ave.; loss \$15,000; address The Proprietor.

Tex., El Paso—Block owned by El Paso State Bank and A. A. Donnell and including El Paso State Bank, Sharp's Drug Store, Brown's Variety Store, O. A. Brown's Grocery, Alexander's barber shop, El Paso Telephone Exchange, etc.; loss \$60,000.

Tex., Houston—Factory of the Crain Ready Cut House Co., at Milby and Polk Sts., loss \$300,000.

Va., White Gate—Store and garage of White Gate Supply Co.

Va., Winchester—Chas. R. Keeler's residence near Winchester; loss \$20,000.

W. Va., Williamson—Evan Hall's residence and 7 additional dwellings; loss \$50,000 to \$60,000.

BUILDING NEWS

BUILDINGS PROPOSED

Association and Fraternal

Mississippi—Mississippi Grand Lodge, I. O. O. F., Jos. R. Howarth, Grand Master, 414½ Louis Bldg., erect home for aged and dependent; location not determined; J. J. Cowan, Trustee, both Jackson.

Miss., Ocean Springs—Ocean Springs Lodge, A. F. & A. M., plans \$16,000 temple; brick, 2 stories, tar and gravel roof; Shaw & Woleben, Archts., Gulfport; constr. probably by members.

Okla., Sand Springs—Salvation Army, care Major Louis C. Bennett, 1915 W. 14th St., Oklahoma City, opens bids about Aug. 1 for brick and concrete girls' home; cost \$35,000, 2 stories and basement, 40x100 ft., wood floors, concrete foundation, asbestos shingle roof; A. M. Atkinson, Archt., 210 Mid-Continent Bldg., Tulsa.*

Tex., Houston—Ancient Order of Pilgrims (Colored) rejected bids for \$200,000 lodge, theater and office building; reinforced concrete, steel, brick and stone, fireproof, 4 sto-

ries, about 150x150 ft.; Alfred C. Finn, Archt., 505 Bankers Mortgage Bldg.*

Tex., Vernon—Ancient Free and Accepted Masons have completed plans for \$60,000 temple; brick, stone and reinforced concrete, 2 stories, 60x115 ft.; Guy A. Carlander, Archt., 15 Massie Bldg., Amarillo.*

Va., Bedford—Board of Grand Trustees of Benevolent Protective Order of Elks, Clyde Jennings, Vice-Chmn., will have plans about Sept. 1 by Clinton & Russell, 100 Maiden Lane; Wells, Holton & George, New York, for extensive improvements to Elks National Home; first unit consists of 100-room dormitory and 200 horsepower central heating plant; selected list of contractors invited to bid.

Bank and Office

Ark.-Tex., Texarkana—Dan Dewberry erect building, Third St. near Vine St.; white enamel front, 1 story and mezzanine, fireproof vaults.

Fla., Sanford—Title Guaranty & Mortgage

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

Co., Geo. W. Knight, Pres.-Gen. Mgr., have plans completed July 26 for Spanish type bank and office building; no date set for opening bids; steel skeleton, concrete pan type floors slabs, upper walls brick faced, stone trim, 8 stories and mezzanine, architectural projected type steel sash, mail chutes, finish tile lower floors, oak, composition and tile floors above, sectional and movable partitions, fireproof vaults and vault doors, Flex-lime cast and wrought bronze door trim, 2 350-ft. multi-speed electric elevators; 140 offices on 7 upper floors; Elton J. Moughton, Archt., First Nat. Bank Bldg.*

Mo., Springfield—Dr. Wilbur Smith, Holland Bldg., and J. W. Sanders, 31 S. Kimbrough St., and associates remodel 3-story and basement building, Boonville Ave. and Olive St.; Spanish type, show windows on first floor; Hawkins & Abbott, Archts., McDaniel Bldg.

Tenn., Memphis—Liberty Bank & Trust Co., M. G. Bailey, Pres., has low bid at \$181,000 from Hanson & Worden, Dermon Bldg., for reinforced concrete bank and office building, 12 S. Second St.; 5 stories and basement, 43x114 ft. with 29.6x50 ft. wing; Jones & Furbringer, Archts., 101 Porter Bldg.; Regan & Weller, Asso. Archts., 834 Bank of Commerce Bldg.*

Tenn., Memphis—Standard Oil Co. of Louisiana, East St. and Southern R. R., plans office building, Upton Ave. and Bellevue Blvd.; Jones & Furbringer, Archts., 101 Porter Bldg.

Tenn., Memphis—I. A. Baum, Columbian Mutual Tower Bldg., plans 10 to 12 story office building, N. Second and Court Sts.; work to start about August 1; plans by owner.

Tex., Amarillo—C. A. Fisk has preliminary sketches by Guy A. Carlander, Archt. (date of opening bids not yet set), for \$1,000,000, 10-story, reinforced concrete, 60x140 ft., face brick and terra cotta trim Medical Arts Building, Eighth and Polk Sts. (Gilsontite Contracting Co., Athletic Club Bldg., Dallas, recently reported as Contrs.)*

Tex., San Antonio—Yaqul Realty Co., care Wm. Schutz, Riverside Bldg., reported organized and planning \$1,000,000 building, E. Houston St.; 12 stories.

Tex., Waco—Citizens National Bank, Walter G. Lacy, Pres., plans \$75,000 bank building, 514-16 Austin St.; 1 story and basement, Doric type, vaults, safety deposit boxes; work to start after January 1.

Churches

Ala., Albany-Decatur—Miller & Martin, Title Bldg., Birmingham, Archts., for \$210,000, 100x140-ft. Gothic type building for Central Methodist Church, at Sixth Ave. and Jackson St., advise: "This project is at sketch stage only." (Lately reported to open bids July 20.)*

Ala., Mobile—St. Mary's R. C. Church, Rev. Thomas J. Eaton, Pastor, receives bids Aug. 2 for Spanish Renaissance type church and rectory, Old Shell Rd.; cost \$150,000, tile; Murphy & Olmstead, Archts., 1413 H St. N. W., Washington, D. C.; Jas. A. Petty & Sons, Inc., Godchaux Bldg., New Orleans, La., estimating.*

Ark., Dumas—Methodist Church erect brick building; 3 stories, 48x110 ft., hardwood and concrete floors, asbestos roof, steam heat; H. Ray Burks, Archt., 307 Home Insurance Bldg., Little Rock.

Ark., Russellville—Methodist Episcopal Church, South, 501 River St., plans \$70,000 building; furnishings, equipment, etc., \$15,000; John P. Almand, Archt., 1107 Boyle Bldg., Little Rock; ready for bids about August 15.*

D. C., Washington—St. Alban's P. E. Parish, Rev. Chas. T. Warner, Rector, plans \$100,000 parish hall; project indefinite.

Fla., Frostproof—Methodist Church erect \$15,000 Sunday school; 2 stories. Address The Pastor.

La., Hammond—Baptist Church plans \$75,000 building. Address The Pastor.

La., Hammond—Methodist Episcopal Church plans building. Address The Pastor.

Miss., Richton—Baptist Church, T. W. Milner, Chmn., Bldg. Comm., contemplates \$12,000 to \$15,000 brick building.

Miss., Yazoo City—Methodist Episcopal Church, S. L. North, Chmn., Bldg. Comm., receiving bids, date of closing not set (probably about Aug. 4), for Sunday school annex; cost \$40,000, brick, cast stone, terra cotta, 3 stories and basement, 66x77 ft., wood, concrete and tile floors, reinforced concrete foundation, built-up composition roof; T. Clements Harvey, Archt., Greenville.*

Miss., Wiggins—Baptist Church, Rev. J. N. Miller, Pastor, plans \$12,000 building.

N. C., Durham—Carr Methodist Church, Rev. R. R. Grant, Pastor, plans \$40,000 building.

N. C., Washington—St. Peter's P. E. Church has \$30,000 gift from Mrs. Laura E. Brown for George H. and Laura E. Brown Memorial Chapel to be unit of parish house under construction; red rough faced brick, Indiana limestone trim, art glass windows, Roman tile floor, oak beams.

Okla., Pauls Valley—Christian Church has completed plans for \$50,000 building; 1 story, basement and balcony, 50x70 ft., brick and stone, brick foundation, composition roof, pine floors and finish, struct. steel; Sorey & Vahlberg, Archts., Braniff Bldg., Oklahoma City.*

Tex., Fort Worth—First Christian Church has \$13,500 permit for brick veneer building, Huntington Drive and Berkeley Place. Address The Pastor.

Tex., Houston—All Saints R. C. Church about ready for bids on reinforced concrete, hollow tile and brick building, Tenth and Harvard Sts.; cost \$100,000, 77x129.6 ft.; F. B. Gaenslen, Archt., Larendon Bldg.*

Tex., San Antonio—Italian Catholic Congregation, care A. Altobelli, 929 W. Magnolia St., erect \$30,000 church, Morales St. near Laredo St.; 1 story and part basement, brick, hollow tile and concrete; Richard Vander Straten, Archt., Travis Bldg.

Tex., San Antonio—Highland Park Presbyterian Church, care Charles DuBose, Chmn., Building Committee, rejected all bids for erection of auditorium and balcony over present basement; plans being revised by Will N. Noonan Co., Archts., Builders Exchange Bldg.

Va., Luray—St. Mark's Lutheran Church enlarge building. Address The Pastor.

City and County

Ala., Florence—City receiving bids for city hall and fire station; cost \$40,000; Paul W. Hofferbert, Archt., Hood Bldg.*

Ark., Texarkana—City erect 100-ft. bathroom, 190-ft. pavilion and crystal temple connection with development of Spring Lake Park.

Fla., Bradenton—County Commissioners plan improvements to courthouse; J. G. Johnson, Archt.

Fla., Fort Lauderdale—Broward County Board of Commrs., Frank A. Bryson, Clk., will call for bids about August 1, to be advertised for 30 days, for fireproof courthouse, Second and Cunningham Sts.; 5 stories, 90x200 ft., cost \$500,000; furnishings, equipment, etc., \$50,000.*

Fla., Lake Wales—City, V. A. Sims, Mayor, voted \$20,000 bonds for pavilion on Lake Wales.

Fla., Miami Beach—City erect \$275,000 fireproof city hall, Washington Ave. and 11th St.; steel frame, hollow tile, 6 stories, 45x160 ft., concrete floors, reinforced concrete foundation, composition roof; Martin L. Hampton Associates, Archts., Royal Palm Casino; Edw. Stuhman, Engr., Seybold Bldg.; date of opening bids not set.*

Ky., Georgetown—Scott County Board of Commrs., C. N. Wood, Road Supvr., will receive bids to remodel courthouse; stone, concrete, excavating, painting, brick and vault work.

La., Eunice—City, S. Wyble, Mayor, receives bids August 5 for 2-story municipal building; cost \$40,000, 80x100 ft.; Herman J. Duncan, Archt., 120 Murray St., Alexandria; following contractors estimating: Knapp & East, Kaufman Bldg., Lake Charles; P. F. McKinney, Opelousas; John Hudson, Oakdale; E. E. Rabalais, Bunkie; A. F. McGee, Eunice.*

La., Hahnville—Following contractors estimating on alterations and fireproof addition to St. Charles Parish courthouse, bids opened August 3, cost \$50,000; Tudor & Roland, 410 Balter Bldg.; Gitz & Geier, 7817 Pearl St.; Jos. Fromberg, Inc., Title-Guarantee Bldg.; R. P. Farnsworth & Co., Canal-Commercial Bldg., all New Orleans; Haase & Barbay, New Orleans and Baton Rouge; J. A. Dune, Hahnville; Wm. R. Burk, Archt., Balter Bldg., New Orleans.*

La., Haynesville—City, D. E. Baucum, Mayor, erect \$50,000 city hall and fire station building; brick and reinforced concrete, 2 stories; Edw. F. Neild, Archt., 1212 City Bank Bldg., Shreveport.

La., Jena—La Salle Parish Police Jury erect \$35,000 jail; brick and concrete, 2 stories; Herman J. Duncan, Archt., Alexandria.

Md., Cumberland—City Council, Chas. F. Heller, Commrs. of Streets and Public Property, receives bids July 31 for 2 fire stations; plans and specifications from office City Engr.*

Mo., Doniphan—City erect \$10,000 city hall after plans by Martin J. Laubis, Poplar Bluff.*

Mo., Independence—Jackson County Court calls special election Aug. 3 on \$350,000 courthouse bonds.

Mo., Kansas City—Jackson County Court, Independence, Mo., calls special election Aug. 3 on \$3,900,000 bonds to purchase site and erect courthouse; \$350,000 for new courthouse in Independence; \$250,000 for county home for aged and infirm; \$500,000 to erect, equip and furnish addition to county jail, Kansas City.*

Mo., Webster Groves, St. Louis—City defeated \$65,000 city hall bonds.*

S. C., Charleston—Ways and Means Committee of City considering bids for erecting \$52,727, steel and concrete, 85x175-ft. stadium; D. C. Barbot, Archt., 26 Broad St. Address proposals to Charleston Engineering & Contracting Co.

Tenn., Chattanooga—City has low bid at \$24,154 from Mark K. Wilson, Tennessee Electric Power Bldg., for clubhouse on municipal golf grounds; plumbing bld. Lawing & Van der Cennen, Dodds and Duncan Aves., \$2380; heating, Knodler & Meredith, 119 W. Seventh St., \$2450; semi-fireproof, English type, concrete block and stucco, about 80x100 ft.

Tenn., Jacksboro—Campbell County, Courthouse Building Comm., Z. D. Baird, Chmn., Jellico, Dan Baird, Sec., LaFollette, receives bids August 12 for courthouse; cost \$100,000, 2 stories, about 70x110 ft., concrete floors, composition roof, use old stone foundation; furnishings, equipment, etc., \$5000 to \$10,000; plans and specifications from R. F. Graf & Sons, Journal Bldg., Knoxville.*

Tex., Bowie—City voted \$75,000 municipal auditorium bonds. Address The Secretary.

Tex., San Benito—City, J. Scott Brown, Mayor, receiving bids, to be opened about August 1 for city hall and fire station; brick, tile and reinforced concrete; Elwing & Mulhausen, Archts.; bonds voted.*

Tex., Wichita Falls—Chamber of Commerce interested in city hall-auditorium building; W. E. McBroom, City Secretary.

Va., Norfolk—City, Walter H. Taylor, 3rd, Director of Public Works, receives bids July 27 for remodeling various fire stations.

Dwellings

Ark., Little Rock—Geo. H. Burdon, 4421 I St., erect \$20,000 brick veneer residence, Cantrell Rd., Edgehill addition.

Ark., Little Rock—Joes Stortz, care Crescent Jewelry Co., 214 Main St., erect native stone and stucco residence, Midland Ave.; 2 stories, 32x83 ft., 2 baths, gas-steam heat, wood-shingle roof, hardwood floors, garage and servants' quarters; H. Ray Burks, Archt., 307 Home Ins. Bldg.

Ark., Little Rock—Bishop H. A. Boaz, M. E. Church, South, Dallas, Tex., erect \$25,000 residence.

Ark., Little Rock—J. R. Casey, 1006 Rice St., erect \$10,000 brick residence and garage, 2116 N. Spruce St.

Ark., Pine Bluff—Harvey C. Couch, care Arkansas Light & Power Co., erect brick and stone residence, day labor; 2 stories and basement, 12 rooms, 2 sleeping porches, 5 baths; John P. Almand, Archt., 1107 Boyle Bldg., Little Rock.

Ark., Siloam Springs—Tom P. Stahl erect 5-room stucco bungalow.

Ark., Warren—O. O. Axley erect brick veneer residence; 2 stories, 20 rooms, tile roof; John P. Almand, Archt., 1107 Boyle Bldg., Little Rock.

Fla., St. Petersburg—Mrs. Mabelle I. Patch, E. 105 Fourteenth Ave. N., erect 8 frame duplexes, 12th Avenue, S., near 19th St., S.; total cost \$11,200.

Fla., St. Petersburg—O. O. Parsons, 250 Fifteenth Ave. S., erect 3 duplexes, 32nd Ave. N., near Seventh St., 2 stories, frame, 12 rooms; total cost \$22,000.

Fla., Tampa—L. V. Myers repair residence, Main St.; cost about \$10,000.

Ga., Waycross—J. F. Kirkland erect residence.

Ky., Lexington—J. H. Easley, 329 Georgetown St., erect residence, Rosemont Garden, extended.

Ky., Lexington—L. C. Elan, White Oak, erect residence, Rosemont Garden, extended.

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La., New Orleans—Moise H. Goldstein, Archt., Hibernia Bldg., receiving bids for alterations and additions to 2-story frame dwelling, 6110 Marquette Place; J. A. Haase, Jr., 916 Union St., estimating.

La., New Orleans—A. Victor, 2530 Frenchmen St., erect 2 double raised cottages, Salado St. near Marshall St.; composition roof; total cost \$10,000.

La., New Orleans—Col. H. Harvey receiving bids, date of closing not set, for brick and hollow tile residence, Webster St. and St. Charles Ave.; 2 stories, tile roof and baths, oak finished floors, oil burners, copper screens; Andry & Feitel, Archts., Carondelet Bldg.*

La., New Orleans—E. J. Mauvezin, 436 Tupelo St., receiving bids, opened about July 30, for raised frame and stucco residence, Delgado Drive, near Dumaine St.; 1 story, tile roof and baths, hot water heaters, hot air heat; E. L. Markel, 3838 Louisiana Avenue Pkwy., and A. L. Smith, 228 S. Hennessey St., estimating.

La., New Orleans—Louis Mounican receives bids July 29 for 2-story and basement frame and stucco residence, Fontainebleau Drive; hardwood and tile floors, tile roofs and baths, steam heat; Theo. L. Perrier, Archt., 310 Carondelet St.; contractors estimating; A. C. Babins Sons, Marine Bank Bldg.; L. J. Woodworth, 337 Baronne St.; J. A. O'Brien, Louisiana Bldg.; Geo. Reimann, 11 Metairie Court.*

Miss., Ocean Springs—Hon. W. H. Rees, Judge, Court of Appeals, Frankfort, Ky., erect residence, Gulf Hills; Smith & Norwood, Archts., Gulfport.

Miss., Ocean Springs—G. E. Simmons, care Gulf Hills Co., started work on \$22,000 residence, Gulf Hills; Spanish type, 2 stories, 9 rooms, 3 baths, concrete basement, tile roof, garage, bathhouse; Smith & Norwood, Archts., Gulfport.

Miss., Pascagoula—J. H. Pelham remodel residence.

Mo., Clayton, St. Louis—Dryden-Dyer Construction Co., 203 N. 10th St., erect 2 one-story, brick dwellings, Westdale, 15 in Breckenridge Place and 2, Sunset Manor; total cost \$39,400.

Mo., Joplin—Davidson & Jones erect 5 dwellings and garages, 2631-2701-05-09-15 Joplin St.; cost \$4000 each.

Mo., Kansas City—H. S. Sturdivant erect 3 dwellings, 5101-05-09 Scarritt Ave.; total cost \$10,000.

N. C., Asheville—E. V. Kaplan, 7929 Riverview Ave., Swisvale, Pa., plans to award contracts in October for erection of twenty 4 and 5 room bungalows, to cost about \$2500 each; stuccoed tile and stuccoed wood frame, cement block foundations, composition roofing, 1 story. See Machinery Wanted.*

N. C., High Point—A. A. Lindsay erect \$10,000 residence, Edgedale St.

N. C., Raleigh—Dr. W. B. Dewar, Odd Fellows Bldg., erect \$13,000 residence, Carr St.; 8 rooms.

Tenn., Chattanooga—D. B. Harris, 305 Gwood Ave., has permit for 8 dwellings, Weial St., near Blackford St.; 4 rooms; total cost \$12,000.

Tenn., Chattanooga—E. J. Harris contemplates residence, Crest Rd., Missionary Ridge.

Tenn., Knoxville—O. M. Davis, Lansdale, erect \$10,000 stone residence, Towanda Trail.

Tenn., Memphis—W. H. Allen, care State Heating and Power Co., 272 Walnut St., erect \$10,000 residence, Colonial Gardens subdivision; brick veneer and half timber, 2 stories and basement, 8 rooms, composition shingle roof, oak floors, tile bath, hot-water heat, garage; Estes W. Mann, Archt., 203 Cotton Exchange Bldg.

Tenn., Memphis—Shuebael T. Beasley, 99 S. Main St., erect residence, Red Acres; 1 story and basement, 95x42 ft., composition roof, oak floors, tile bath, steam heat; Geo. Mahan, Jr., Archt., 700 American Bank Bldg.

Tenn., Memphis—E. T. De Pass, 107 S. Court St., contemplates residence, Country Club sub-division.

Tenn., Memphis—M. H. Jenkins, 1933 Evelyn St., erect \$12,000 brick veneer residence, Jefferson Ave. near Cox St.; 2 stories and basement, 50x36 ft., composition shingle roof, oak floors, tile bath, hot-water heat, garage; Polk W. Agee, Archt., 1515 Fidelity Bank Bldg.; bids in.

Tenn., Memphis—M. F. Priest remodel and erect addition to residence; 2 stories and basement, about 80x45 ft., composition roof, oak floors, tile bath, hot-water heat, garage; Estes W. Mann, Archt., 203 Cotton Exchange Bldg.

Tenn., Memphis—St. John Waddell, 45 N. Montgomery St., erect brick veneer residence, Colonial Gardens sub-division; cost about \$10,000; composition roof, oak floors, tile bath, hot-water heat, garage.

Tex., Amarillo—Bernard Johnson erect \$35,000 residence; field stone, 2 stories, gas steam heat; Anton F. Korn, Jr., Archt., 816 Thomas Bldg., Dallas.

Tex., Beaumont—R. E. Reeves, Pecos and Duperier Sts., erect brick veneer residence, Pecos Blvd.; cost about \$10,000.

Tex., Brownsville—Mrs. Mary V. Gay erect \$15,000 English type residence; brick, concrete foundation, 1 story; Kelwood Co., Archt., Travis Bldg., San Antonio.

Tex., Cuero—Ford Koenig and Fred Mueller each erect residence.

Tex., Dallas—Southern Home Building Co., Lenz Bldg., erect 4 frame cottages, 1026-30-34-22 S. Bishop St.; 5 rooms; total cost about \$10,000.

Tex., Fort Worth—H. S. Arbuthnot erect \$11,000 brick veneer residence, Park Hill Addition.

Tex., Fort Worth—Walter Boesch, 1717 S. Jennings St., erect \$12,500 brick veneer residence, 1605 Carleton St.

Tex., Fort Worth—J. J. Langever, 1037 Baltimore St., erect \$10,000 brick veneer residence, 2664 Cockrell St.

Tex., Houston—A. S. Engel, 1304 W. Alabama St., receiving bids at office J. W. Dehnert, Kress Bldg., Archt., for English type residence, Riverside Terrace; 2 stories, brick veneer.*

Tex., Houston—R. R. Booth, 1613 Milby St., started work on residence, Wroxtton Rd., Southampton Place.

Tex., Houston—J. J. Dannenbaum, 505 Dennis St., reported let contract at \$12,415 to Johnson & Gustavson for 2-story brick veneer residence; Jos. Finger, Keystone Bldg., Archt.

Tex., Houston—Geo. R. Christie, Pres., Christie & Hobby, Inc., Great Southern Bldg., plans residence, Sleepy Hollow Court, River Oaks.

Tex., Houston—J. M. McCardell, care Silk Shop, 507 Main St., purchased homesite, River Oaks.

Tex., Houston—Chas. W. Oliver, 4304 Roseland St., plans residence, River Oaks; plans by owner.

Tex., Houston—Raymond Pearson, N. Main and Wood Sts., purchased homesite, Inwood Drive, River Oaks.

Tex., Houston—Emenheiser & Mykelbust erect \$12,000 brick veneer dwelling, garage, 1711 Blodgett St.; 6 rooms and bath.

Tex., Houston—A. E. Olson & Bros., 1021 W. Gray St., erect \$12,000 dwelling and garage, 1928 Dunston St., Southampton Place addition.

Tex., San Antonio—Lake Robertson receives bids after August 1 for brick veneer residence, Woodlawn Drive; 1 story; cost \$10,000; Richard Vander Straton, Archt., Travis Bldg.

Tex., Uvalde—J. H. Ashby soon have plans by Will N. Noonan Co., Builders Exchange Bldg., San Antonio, for \$10,000, 2-story, hollow tile and stucco residence; bids by invitation.

Va., Emory—Emory and Henry College, Mr. Hillman, Pres., erect President's residence on campus; cost \$15,000 to \$20,000.

W. Va., Charleston—J. E. Campbell, Citizens National Bank Bldg., erect dwelling, 1563 Jackson St. and 1 at 1555 Lewis St.; 2 stories and basement, 25x31 ft. and 22x27 ft., frame and stucco, shingle and composition roofs; total cost \$10,000.

Government and State

Ala., Birmingham—Treasury Dept., Jas. A. Wetmore, Act. Supervising Archt., Washington, D. C., reported add third story to post-office building; cost \$425,000; work probably start in October.

Tex., Fort Sam Houston, San Antonio—War Dept., Dwight F. Davis, Sec., Washington, D. C., reported start work at once on permanent barracks; cost \$500,000; brick, tile and concrete.*

Va., Richmond—Treasury Dept., Jas. A. Wetmore, Act. Supervising Archt., Washington, D. C., rejected bids for remodeling and enlarging parcel post annex at post office; will revise plans and call new bids; fireproof, brick, steel and stone; cost \$20,000.*

Hospitals, Sanitariums, Etc.

Ala., Troy—Dr. Oscar N. Edge and others remodel dwelling for hospital.

Fla., Orlando—Orange County Hospital Assn., C. DeWitt Miller, Treas., has plans in progress by David B. Hyer for \$125,000, 4-story, reinforced concrete addition; equipment and furnishings to cost \$20,000.*

Ga., Augusta—City, William P. White, Mayor, voted \$100,000 bonds for nurses' home and \$15,000 for contagious diseases hospital.*

Ga., Augusta—United States Veterans Bureau, Frank T. Hines, Director, Arlington Bldg., Washington, D. C., reported erect nurses' home at U. S. Veterans Hospital No. 62, Col. M. C. Baines, Medical Officer in charge; later erect 12 cottages.

Miss., Gulfport—N. W. Overstreet, Overstreet Bldg., Jackson, drawing plans for proposed \$25,000 clinic; brick, 2 stories, 7 rooms; J. C. Strasser, Asso. Archt.

N. C., Greensboro—Negro Hospital Assn., care Dr. C. W. Banner, Chmn. of Board, receives bids until Aug. 16 for erection of 3-story, 40x140-ft., brick or stucco, \$100,000, fireproof Richardson Memorial Hospital for Negroes, E. Washington St. and Benwood Drive; composition floors, reinforced concrete foundation, slate and tile roof, equipment and furnishings cost \$20,000; C. C. Hartman, Archt., Jefferson Standard Bldg. [See Machinery Wanted—Tile; Steel Sash and Trim; Electric Refrigerators; Flooring (Composition); Dumb Waiters; Roofing Tile; Terra Cotta Trim.]

Okla., Muskogee—State Board of Public Affairs, The Capitol, Oklahoma City, receives bids until Aug. 2 for erection of \$17,700 hospital at State School for the Blind; brick walls, concrete floors and ceilings, solid 2-inch partitions, wood frame roof, center part 2 stories, balance 1 story, asphalt felt roofing; Charles A. Dawson, Archt., 1206 West Broadway; concrete engineering by W. C. Roads, Str. Engr., Atlas Life Bldg., Tulsa.*

Tex., Mercedes—Dr. D. L. Heldrick plans \$20,000 hospital; brick and concrete; Elwing & Mulhausen, Archts., San Benito. (Elks Club lately noted interested.)

Tex., San Angelo—Tom Green County Medical Assn., Rev. D. R. Peveto, interested, having plans drawn by R. K. Thomas for \$80,000 hospital; brick, reinforced concrete, 4 stories and basement.*

Va., Farmville—Farmville Manufacturing Co. submitted low bid at \$163,999 for Southside Community Hospital, to be erected in part by Commonwealth Fund, 1 E. 57th St., New York.*

Hotels and Apartments

Fla., Daytona Beach—Walter C. Hardesty, 204 S. Beach St., purchased hotel property at Rio Vista-On-the-Halfax, will expend \$350,000 for completing; will have 125 guest rooms, Spanish-Italian type; work under supervision on Martin L. Hampton, Archt., Congress Bldg., Miami.

Fla., Indian Rocks—I. G. Sanford, Tampa, has plans in progress by Myers & Richard, New York, for 17-apartment house.

Ga., Savannah—C. O. Yoakum, New York, Sec. of Savannah Holding Co., associated with Charles Anson Bond, Greenwich Park, Savannah, and 17374 Lake Ave., Cleveland, Ohio, acquired property on north side Broughton St. between Abercorn and Lincoln Sts., reported planning to erect 300-room, 11-story hotel and 5-story and basement department store; Wallin & Comer, Archts.

Ga., Valdosta—Judge Albert J. Little, H. Y. Tillman, Executive Vice-Pres. of Citizens & Southern Bank, and J. R. Dasher, Pres. of Valdosta Chamber of Commerce, endorsed plans for construction of proposed Rodome Hotel.

Miss., Hattiesburg—Joe T. Harrison, owner of Hotel Hattiesburg, reported to enlarge and improve.

Miss., Pascagoula—Pascagoula Hotel Co., J. R. Watts, Sec., receives bids until Aug. 20 for erection of \$200,000 75-room commercial hotel and resort; plans and specifications may be secured from Shourds & Stoner, Archts., Room 12, Gulf & Ship Island Bldg., Gulfport.*

Mo., Columbia—Daniel Boone Tavern will erect 43-room addition. Address the Proprietor.

Mo., Kansas City—Paul Jordan erect 2 apartment buildings at 4627-9 Madison Ave.

Mo., Kansas City—C. O. Jones, 402 Continental Bldg., purchased 245 ft. of ground facing south on Krauthoff Court between Broadway and Pennsylvania Ave.; Miss Nellie E. Peters, Archt., 1001 Orear Leslie Bldg., preparing plans for 3 apartment buildings.

Mo., Kansas City—McCanles Building Co.,

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400 Victor Bldg., will erect two 2-story brick hotels at 8-9 Warner Plaza; cost \$70,000.

Mo., Kansas City—Wax Realty Co. erect \$40,000 apartment at 1314 E. Ninth St.

Mo., St. Louis—Progress Building & Investment Co. erect \$20,000, 3-story, 70x37 ft., brick tenement, 3465-7 Gasconade St.; tar and gravel roof.

N. C., Elizabeth City—W. L. Stoddart, Archt., 50 East 41st St., New York, recently commissioned to prepare plans for 100-guest room, 96x120 ft., 9-story, \$450,000 Virginia Dare community hotel, advises: "Plans are in course of preparation and should be issued to contractors for estimates about August 15; bids will be opened about September 15 and contract should be let promptly."

N. C., Pinehurst—Pinehurst, Inc., care Leonard Tufts, plans erection of hotel on Knollwood property between Southern Pines and Pinehurst; first unit of 75 sleeping rooms to cost \$250,000, with \$50,000 for furnishings; also \$50,000, 18-hole golf course.

Tenn., Jackson—J. B. Brown, representing Dougherty & Gardner, Archts., Scanlan Bldg., Nashville, plans construction to start about Sept. 1 on \$450,000, 8-story, 132-room, European plan hotel building, fronting Lafayette St. at intersection of Cumberland St.; A. B. Foust, Chmn. of Committee.

Tenn., Johnson City—Light-Unker Co., New York, reported purchased property between Johnson City and Elizabethton for proposed 3-story, fireproof dormitory for female employees of America-Bemberg Co. plant.

Tex., Bay City—Bay City Hotel Co., care C. A. McGill, has final plans in progress by Howard & Howard, 615 San Jacinto St., Houston, for \$100,000, 3-story, reinforced concrete, 74-room hotel building.*

Tex., Dallas—Miss V. Aunspaugh, 3405 Bryan St., erect \$12,500, 16-room, brick veneer, 5-apartment house, 1421 McCoy St.

Tex., Dallas—S. T. Baer erect \$12,000, 16-room, brick veneer, 8-apartment house, 1903 Park St.

Tex., Eastland—Rotary and Lions' Clubs appointed committees to negotiate with builders and architects for proposed \$200,000 100-room hotel.

Tex., Elctra—Chamber of Commerce sponsoring construction of \$125,000, 4-story, 60-room, brick, stone and reinforced concrete hotel building.

Tex., Houston—Emenheiser & Myklebust erect two \$14,000, frame brick veneer, 4-apartment houses with garage, 1819 Berry St. and 1809 McGregor St.; 4 rooms and bath each.

Tex., Houston—A. E. Olsen & Bros., 1021 W. Gray St., erect \$15,000, frame brick veneer, 4-apartment house with garage, 901 W. Gray St.

Tex., Houston—C. C. Harris, 1107 McGowan, reported to erect \$19,000 frame brick veneer, 3-apartment house with garage, 1906 Alabama St.; 2 rooms and bath each.

Tex., San Benito—San Benito Community, Inc., F. Shearer, operator, Dallas, receives bids until Aug. 2 for erection of \$150,000 3-story, brick, hollow tile, reinforced concrete, fireproof, 125x170 ft. L-shaped hotel; 80 rooms with private baths, cement floors, concrete foundation, tile roof; Harvey P. Smith, Archt., 308-12 National Bank of Commerce Bldg.; W. E. Simpson, Engr., 412 National Bank of Commerce Bldg., both San Antonio.*

Miscellaneous

Fla., Coral Gables—City Club accepted property donated by Coral Gables Consolidated, Inc., for proposed clubhouse.

Fla., Orlando—Rev. F. B. Boyd, Pres. of Magnolia Home, Inc., plans erection of \$100,000 home for aged and incurables.

Fla., St. Petersburg—George S. Gandy and Al Gandy, 753 Sixth Ave. S., reported to erect structure at corner Central Ave. and Fifth St.

Ga., Savannah—Savannah Presbytery, care Rev. A. F. Carr, purchased tract on St. Simons Island for conference ground; will erect assembly hall, homes, etc.

La., New Orleans—Ralph Perry, News Metropolis, Miami, representing South Florida Amusement Co., announced construction of \$500,000 fronton for playing of jai alai, Spanish game.

Miss., De Lisle—Cotton & McGehee has plans in progress for \$150,000, 1½-story, semi-fireproof, 75x150-ft. pleasure clubhouse; cement, tile and wood floors, concrete foundation, composition and tile roof, equipment and furnishings cost \$50,000; N. W. Overstreet, Archt., Overstreet Bldg., Jackson,

and J. G. Strasser, Asso., Gulfport; C. E. Buckles, Landscape Archt.*

Miss., Pass Christian—Pass Christian Chicago Land Co. See Land Development.

Okla., Bartlesville—Bert Clark is Chmn. of committee for erection of horse stable for members of Country Club.

S. C., Folly Beach—Citizens & Southern Co., 24 Broad St., Charleston, care Thomas E. Thrower, sales and publicity director, plans to erect \$500,000 dancing pavilion and public auditorium over the water, also 18-hole golf course; plans also under way for erection of 150-room hotel.

Tex., Bonham—Fannin County Fair Assn. contracted for erection of women's farm and needlework building.

Tex., Corsicana—Business and Professional Women's Club raising funds for erection of clubhouse.

Tex., Houston—Butler Perryman, 2518 Ideal St., announced plans for converting property along San Jacinto River into flower park; include log palace containing dance floors, bridge rooms, etc.

Railway Stations, Sheds, Etc.

Ark., Gentry—Kansas City Southern Railway Co., A. N. Reese, Ch. Engr., Kansas City, Mo., reported to erect new \$20,000 depot.

Fla., Venice—Seaboard Air Line R. R. Co., W. D. Faucette, Ch. Engr., Norfolk, Va., reported to erect new station.

Fla., Winter Haven—Atlantic Coast Line Rwy. Co., J. E. Willoughby, Ch. Engr., Wilmington, N. C., reported considering erection of new depot.

Tex., Flatonia—Southern Pacific Rwy. Co., H. M. Lull, Ch. Engr., Houston, reported to erect new passenger depot; frame finished in white cement stucco, cement floors, asbestos shingle roof.

Tenn., Oakdale—Southern Railway Co., Henry W. Miller, Vice-Pres., Washington, D. C., reported to consider erection of larger passenger station.

Va., Tazewell—State Corporation Commission ordered construction within six months of new railway station by Norfolk & Western Railway Co., J. E. Crawford, Ch. Engr., Norfolk.*

Schools

Ala., Robertsedale—State of Alabama opens bids July 30 for erection of \$30,000, 1-story, brick High School building; wood floors, concrete foundation, composition roofing, equipment and furnishings cost \$5000; plans by State Department of Education; both Montgomery.*

Ala., Huntsville—Board of Education has completed plans and specifications by R. H. Hunt Co., Chattanooga, for \$150,000 High School building on Campbell property.*

Ark., Monette—School Board probably let contract this week for erection of \$10,000, 1-story, brick and steel, 40x88 ft. auditorium and gymnasium as annex to High School; reinforced concrete foundation, composition roof; equipment and furnishings cost \$2500; E. J. Wilpert, Archt., Jonesboro. [See Machinery Wanted—Steel Sash and Trim; Flooring (Hardwood); Roofing (Composition); Ventilators; Cast Stone.]*

Ark., Sulphur Springs—School Board plans \$100,000 bond issue for new building.

Fla., Bartow—Polk County Board of Public Instruction has plans in progress by E. C. Hosford, Lakeland for \$240,000 school building.

Fla., Bradenton—Manatee County Board of Public Instruction receives bids until Aug. 2 for erection of 13-classroom and auditorium, brick school building.

Fla., Dania—Broward County Board of Public Instruction, Fort Lauderdale, receives bids until Aug. 18 for erection of 2-story, hollow tile and stucco school building; J. D. Benson, Archt., Theater Bldg., Hollywood.*

Fla., DeLand—Volusia County Board of Public Instruction receives bids until Aug. 5 for erection of \$100,000, 200x150 ft., 1-story, Spanish type, brick and hollow tile Elementary School on N. Boston Ave.; heating and plumbing and electrical bids to be received at next monthly meeting of Board; also open bids on same date for 6-room addition and alterations in plumbing, heating and electrical work at present DeLand High School, \$40,000, brick veneer; Harry M. Griffin, Archt., 512½ Main St., Daytona Beach.*

Fla., Lake Alfred—State Board of Control, P. K. Yonge, Chmn., Aragon Hotel, Jacksonville, rejected all bids for erection of laboratory building at Citrus Experiment sta-

tion; will not build at this time; Rudolph Weaver, Archt. of Board, Gainesville.*

Fla., Ocoee—Ocoee Special Tax School District No. 6 voted \$105,000 bonds for school building and additions; address Orange County Board of Public Instruction, A. B. Johnson, Sec., P. O. Box 271, Orlando.*

Fla., Panama City—Bob Jones College Board of Trustees has layout by R. H. Hunt & Co., James Bldg., Chattanooga, Tenn. for \$5,000,000 interdenominational, orthodox Christian college, to be built by Rev. Dr. Robert Jones.*

Fla., Sebring—Trustees of Baptist Junior College planning to erect new college between Sebring and West Palm Beach; \$150,000 available.

Fla., Tampa—Hillsborough County Board of Public Instruction, W. D. F. Snipes, Sec., receives bids until August 12 for erection of Tampa Bay Blvd. Grade School, Tampa Bay Blvd. and Roosevelt Ave., West Tampa, and for Negro School on Oak Ave., for Special Tax School District No. 45; plans and specifications for former may be secured from F. A. Harris & Co., Archts., 309-10 Lafayette St. Arcade, and for Negro School from Carl R. Couch, Archt., 713½ Franklin St.*

Fla., Tampa—Hillsborough County Board of Public Instruction, W. D. F. Snipes, Sec., rejected all bids on proposed \$100,000 Orange Grove school; will revise plans and take new bids.

Fla., West Palm Beach—Palm Beach County Board of Public Instruction call election August 17 (postponed date) on \$800,000 school bonds in District No. 1.*

Ga., Atlanta—Board of Education adopted resolutions outlining allocation of about \$1,000,000, presented by W. W. Gaines, Sec., provides completion of 4 junior high schools to cost \$650,000, construction of 3 standard schools, construction of 5 semi-portable buildings and acquisition of property for 4 schools.*

Ga., Cochran—W. W. Simmons, Lamar Bldg., Augusta, Archt. for \$80,000, 2-story and basement administration building for Agricultural and Mechanical College, advises: C. O. Smith & Co., Hazlehurst, Ga., low bidders; bid will be considered about Aug. 6, together with heating, plumbing and electric work.*

Ga., Meansville—Pike County Board of Education, Zebulon, consolidated Meansville and Vega school districts, plans to erect building.

Ga., Taylorsville—Taylorsville School District voted bonds for new brick school building. Address Board of Trustees.

Ky., Ashland—Board of Education contemplates erecting gymnasium addition to Senior High School.

Ky., Henderson—School Board, Hugh Helm, Chmn., building committee, has completed plans for \$30,000, 90x118½-ft. gymnasium building.

La., Oak Grove—Third Ward voted \$45,000 bonds for rebuilding school building destroyed by fire; address West Carroll Parish School Board.

Md., Baltimore—Board of Awards, Mayor Howard W. Jackson, Pres., receives bids until August 4 at office Frederick A. Dolfeld, City Register, City Hall, for alterations to Baltimore Polytechnic Institute, North Ave. and Calvert St.

Miss., Cleveland—State Building Commission, R. L. Brown, Sec., receives bids until Aug. 10 for erection of \$10,000, 3-story, brick and concrete, 40x120 ft. dormitory at Delta Teachers' College; cement floors, concrete foundation, tile and composition roofing; N. W. Overstreet, Archt., Overstreet Bldg., Jackson. [See Machinery Wanted—Tile; Steel; Roofing; Ventilators; Cast Stone; Limestone; Terra Cotta Trim.]*

Miss., Clinton—Mississippi College, Dr. J. W. Provine, Pres., will remodel chapel.

Miss., Lyman—Board of Trustees of Lyman Consolidated School District, H. H. Parker, Sec., receives bids until Aug. 10 at office Harrison County Supt. of Education, Gulfport, for construction of 1-story, brick veneer school building; plans and specifications may be secured from Shaw & Woleben, Archts., Gulfport.

Miss., Natchez—City Council approved site recommended by Board of Education for proposed \$200,000 High School; soon call bond election.

Mo., Columbia—Ludwig Abt, Archt., Moberly, prepare plans for \$40,000, Spanish style Chi Omega sorority house.

Mo., St. Louis—Board of Education soon call for bids for erection of \$325,000 public school stadium, Kingshighway and St. Louis Ave.; seating capacity of 15,000.

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

Mo., St. Louis—Board of Education acquired 22-acre tract on Pernod Ave. at intersection of Hampton Blvd. as site for complete unit of school buildings to be built in future.

N. C., Asheville—Buncombe County Board of Education receives bids until Aug. 2 at office William H. Lord, Archt., 17½ Church St., for erection of 12-classroom addition to present Black Mountain School building; plumbing and heating under separate contracts; plans and specifications may be obtained from Archt.

N. C., Balfour—Henderson County Board of Education, R. G. Anders, Supt., Hendersonville, has plans in progress for \$80,000 elementary and secondary school building.

N. C., Morganton—School Board, R. E. Kibler, Chmn., receives bids until Aug. 9 for erection of 20-room auditorium and gymnasium High School building; plumbing and heating to be let under separate contracts; plans and specifications may be secured from Frank B. Simpson, Archt., 209-10 Masonic Temple Bldg., Raleigh.

N. C., Raleigh—H. F. Srygley, Sec. of School Committee of Raleigh Township, 203 Professional Bldg., receives bids until Aug. 3 for construction of following schools: Murphey School addition, plans and specifications may be secured from J. H. Kennedy, Archt., 301 Wachovia Bank Bldg.; Hayes-Barton Elementary School, H. P. Keller, Archt., 129 Hillcrest St.; Boylan Heights School, H. P. Keller, Archt.; West Raleigh School, James A. Salter, Archt., 102 W. Hargett St.*

Okl., Wyandotte—Seneca Indian School has \$40,000 appropriation for additional buildings.

S. C., Mezzette—Trustees for St. Paul Centralized High School District No. 23, Charleston County, Dr. J. E. Taylor, Chmn., receives bids until Aug. 11 at office E. G. Strobel, S. C. Produce Assn. Bldg., for erection of 2-story brick high school building on Charleston-Savannah Highway; plans and specifications can be obtained from J. D. Newcomer, Archt., 32 Broad St., Charleston.

Tenn., Knoxville—Knox County Board of Education, W. W. Morris, Sec., probably let contract this week for erection of \$12,000 brick school building at Mount Olive; 4 classrooms and combination auditorium-gymnasium; C. A. Tarwater, Archt., 613½ Market St.

Tex., Abilene—McMurry College plans to erect \$15,000 brick gymnasium; address the President.

Tex., Austin—See Electric Light and Power.

Tex., Canyon—West Texas State Teachers College, Dr. J. A. Hill, Pres., will ask State Board of Control, Austin, for \$1,000,000 budget, to include erection of 3 new buildings.

Tex., Dallas—Board of Education, C. M. Moore, Sec., soon receive bids for erection of Woodrow Wilson High School in East Dallas; DeWitt & Lemmon, Archts., S. W. Life Bldg.

Tex., Houston—Board of Education approved plans to construct 15 elementary school buildings at cost of about \$1,000,000; alternate bids omitting auditorium-gymnasium cafeteria portions will be asked with option of 30, 60 or 90 days to consider alternate bids.*

Tex., Huffman—Huffman Common School District No. 30, J. T. Pruett, Pres. of School Board, receives bids until August 2 for erection of 2-story, brick and frame school building; plans and specifications may be obtained from Endress & Cato, Archts., 831-2 Bankers Mortgage Bldg., Houston.

Tex., Point Isabel—Point Isabel Independent School District voted \$40,000 bonds; soon select Archt. for \$27,000, 1-story, 7-room school.

Tex., Sebastian—Board of Education call election about Aug. 1 on \$50,000 school bonds.*

Tex., Valley View—Valley View Common School Dist. No. 47, care County Supt., Edinburg, receiving bids for \$10,000, 1-story, brick and concrete school building; Ralph H. Cameron, Archt., City Natl. Bank Bldg., San Antonio.

Tex., Wills Point—Board of Education calling for bids for erection of \$43,000, 2-story, mill and brick High School and remodeling grade school; \$12,000; address proposals to Earl Greer, Pres. of Board, or C. H. Leimbach, Archt., 605 Central Bank Bldg., Dallas.*

Va., East Radford—State Teachers' College, Dr. J. P. McConnell, Pres., receives bids until August 16 for erection of \$150,000, 4-story, fireproof dormitory; plans and specifications may be obtained from J. F. MacTier, Archt., 706 Payne Bldg., Roanoke.*

Va., Farmville—Prince Edward County Board of Education, Thomas J. McIlwaine, Supt., opens bids Aug. 6 for erection of 4 new district school buildings; cost over \$100,000.

W. Va., Clarksburg—Board of Education of Clark District, Harrison County, L. H. Waugh, Sec., receives bids until Aug. 2 for the complete finishing, including plastering, floors, finish, painting, blackboards, etc., of 3 classrooms on second floor of school building on Broadway St.; Industrial and 1 classroom on ground floor of school at Stonewall Park; plans and specifications may be obtained from S. W. Ford, Archt., 305 Latstetter Bldg.

W. Va., Huntington—Guyandotte Board of Education, L. L. Adkins, Sec., R. No. 4, receives bids until Aug. 10 for erection of additional rooms to Hite School on 16th St. Road and to Altizer School near Russell Creek Bridge.

Stores

Ala., Wetumpka—C. G. Gaines has plans for store building on E. Bridge St.

Ark., Fort Worth—E. W. Erke purchased property at 23rd St. and Rogers, will erect 3 buildings.

Fla., St. Petersburg—C. M. Blanc, 1865 Central Ave., erect \$10,000, 2-story business building, 11th St. North and Pennington Court.

Fla., St. Petersburg—United Cigar Stores Co. soon receive bids for 2 business and apartment buildings to be erected at Fourth St. and Fourth Ave. South; Green & Richman, 689 Central Ave., local representatives in supervising construction.

Ga., Savannah—C. O. Yoakum and Charles Anson Bond. (See Hotels and Apartments.)

Mo., Kansas City—W. C. Altman and L. H. Altman purchased N. E. cor. 39th St. and Woodland Ave.; will erect 1-story, brick, terra cotta and tile trim, 8-storeroom building.

Mo., Joplin—Mrs. Harry Miller, owner of Building at 1414-16 Main St., recently burned at \$12,000 loss, reported to rebuild.

Mo., Webb City—Henry Kamisar, owner of Hub Department Store, purchased 3-story, brick Middle West Hotel building, will repair and renovate.

N. C., Charlotte—Jones-Benton Furniture Co., A. M. Benton, Vice-Pres., Greenville, S. C., rearrange interior and remodel front of building, 303 E. Trade St.

S. C., Columbia—J. W. Doughty, 1410 Taylor St., plans to erect 2-story and basement, brick business and apartment building at 1410 Taylor St.; heating plant in basement; James B. Urquhart, Archt., Palmetto Bldg.

Tenn., Chattanooga—Montague Estate, 124 W. Eighth St., has permit for repairs to fire damage at Market St. between Cowart and railroad; cost \$12,000.

Tenn., Memphis—Rev. H. P. Hurt, pastor of Union Avenue Baptist Church, will erect 2 business buildings to cost \$50,000.

Tenn., Memphis—F. A. Yar erect 7 brick stores at 1240-52 Florida St.; \$10,000.

Tex., Brownsville—International Drug Co., Dr. W. E. Spivey, Pres. and Mgr., will erect \$36,000, 2-story store and apartment building; fixtures cost \$10,000.

Tex., Edinburg—J. A. Pilliod plans construction of \$30,000, 3-story, brick, reinforced concrete, 25x80 ft. business building; private plans.

Tex., Fort Worth—P. L. Dickerman, 812 Eighth Ave., erect three \$22,500, brick stores at 700 Sylvania, 2504 Hemphill and N. Main Sts.

Tex., Houston—M. R. Waddell, Pres. of Waddell's House Furnishing Co., 1102 Prairie Ave., plans to erect new structure at S. E. cor. Main St. and Gray Ave.

Tex., Houston—Henke & Pillot, care C. G. Pillot, 302 Milan St., called for bids for 168x209 ft., 1 and 3 story, hollow tile store building on Washington Ave.; R. D. Steele, Archt., First National Bank Bldg.

Tex., Mercedes—A. McSween announced plans for erection of 3 business buildings on

Mercedes Hotel property and additions to hotel.

Tex., Ozona—Mrs. Perner rejected all bids for erection of store building; Swartz & Hamberlin, Archts., 415-16 Central Natl. Bank Bldg., San Antonio. (Recently reported let to Anderson Brothers, 500 N. Cotton St., El Paso.)*

Tex., Pharr—Jack L. Doyle plans construction of 2-story, \$25,000, brick and concrete, 25x80 ft. business building.

Tex., Port Arthur—Crest-Over, Inc., T. E. Hanshaw, Vice-Pres., San Antonio, leased store at 525 Procter St.; install fixtures to cost \$45,000.

Tex., San Antonio—M. J. Loberit, 208 S. Alamo St., soon receive bids for 2-story, brick and concrete store and apartment building on Market St.; Beverly W. Spilman, Archt., Alamo National Bank Bldg.

Tex., Stockdale—J. M. Carrsel purchased lot on Main St.; will erect brick store building.

Tex., Vernon—R. H. Stuckey, Archt., preparing plans for \$12,000, brick, 2-story building.

Tex., Waco—Will C. Abeel, 3400 Austin Ave., erect \$50,000, 150x80-ft., brick community store building at 15th and Colcord Aves.; include picture theater, baker shop, grocery, etc.; Roy E. Lane, Archt., Chamber of Commerce Bldg.

W. Va., Welch—E. H. Sudduth Co. Bluefield, start work Sept. 1st on 2-story, 67x121 ft., brick stores and garage; concrete and wood floors; Garry & Sheffey, Archts., Bluefield. [See Machinery Wanted—Metal Ceiling, Steel Sash and Trim; Flooring; Roofing (Composition).]*

Theaters

Miss., McComb—E. G. Williams, Ellis Saphie and Jake Alford promoting erection of 80x110 ft. theater on State St.; seat about 1000.

Miss., McComb—J. E. Alford, E. G. Williams and Ellis Saphie compose company organized to erect 80x100 ft. brick and stucco theater to seat 750 to 1000.

Warehouses

Ala., Birmingham—J. N. B. Land Co. erect \$10,000 warehouse, Seventh St. and Fifth Ave. North.

Ala., Montgomery—Abraham Brothers, Perry and Jefferson Sts., erect \$10,000 2-story brick warehouse at 405 Lee St.

Ark., Russellville—American Wholesale Grocery Co. will erect 1-story and basement wholesale building.

Fla., Miami—City Commissioners receive bids until August 7 for erection of 2-unit warehouse on Pier 3, Municipal Docks; steel framework and roof, concrete walls and floors; provide 2-story section for passenger office.

Ga., Atlanta—Massell Realty Co., 43½ Peachtree St., has permit for \$15,000, 1-story, brick warehouse at 187 Jackson St.

La., Lake Charles—Krause & Managan Lumber Co. has plans by I. C. Carter, Kaufman Bldg., for \$20,000, 2-story, brick office building in S. Ryan St., with warehouse and storage sheds in rear.

N. C., Raleigh—W. S. Murchison, Jarvis St., will erect 4-story wholesale and retail building on Hillsboro St.

Tenn., Knoxville—Planters Warehouse, Inc., J. W. Dean, Sec., 1719 Lake Ave., will erect \$75,000, brick or sheet iron addition to present warehouse.

Tenn., Memphis—Pillsbury Flour Mill Co., 10 Talbot St., has permit for \$40,000, brick warehouse at 321 W. Trigg St.

Tenn., Memphis—J. L. McCabe, 415 S. Main St., erect warehouse, Virginia Ave. and Kansas St.

Tex., Houston—Texas Carnegie Steel Co., William G. Clyde, Pres., Carnegie Bldg., Pittsburgh, Pa., reported erect \$2,500,000 warehouse pier and slip on north side of Houston Ship Channel; C. L. Gillespie, Supv. Engr., Galveston.*

BUILDING CONTRACTS AWARDED

Association and Fraternal

Fla., Daytona Beach—Benevolent Protective Order of Elks let contract for \$15,000 addition to Harry Gartner; billiard room and swimming pool in basement, etc.

Bank and Office

Ala., Sheffield—Alabama Power Co., Birmingham, let contract at \$26,000 to Stone Bros., Russellville, for brick and steel office and sales room; 2 stories, 50x70 ft., oak

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floors, brick foundation, Barrett specification roof; J. A. Sinit, Archt., care owner. See Machinery Wanted.*

D. C., Takoma Park, Washington—Takoma Park Bank, W. Preston Gibson, V.-P.-Cashr., erect \$150,000, steel frame, brick and stone, 1-story building, Mellon and Carroll Sts.; Tighman Moyer Co., Archt.-Engr.-Contr., Allentown, Pa.*

Fla., Orlando—Chamber of Commerce, O. P. Swope, Chmn. Building Committee, let contract to Fred T. Ley & Co., Inc., Jacksonville, at \$111,800, for 4-story, 50x100 ft. building, E. Central Ave.; fireproof, steel frame, steel joists, hollow tile curtain walls, concrete and terrazzo floors, concrete foundation; Howard M. Reynolds, Archt. & Engr., Orlando Bank & Trust Bldg. (See Machinery Wanted.)

La., New Orleans—Whitney Central Trust & Savings Bank let contract to Gervais F. Favrot, Balter Bldg., for branch bank, St. Claude Ave. and Spain St.; brick, limestone trim 1-story, composition roof, tile floors, marble base, plate glass windows, steel and ornamental iron work; Emile Well, Inc., Archt., Whitney-Central Bldg.*

Miss., Long Beach—Hancock County Bank erect \$40,000 branch bank; John T. McDonald, Contr., Pass Christian.

Mo., St. Louis—Sarah-Olive Bank, E. J. Walser, Vice-Pres., organizing and will remodel building, 4055 Olive St., for quarters; St. Louis Bank Equipment Co., 2604 S. Jefferson St., Contr.

Mo., St. Louis—A. Lopez, Liberty Central Trust Bldg., alter 3-story office building, 614-20 N. 11th St.; cost \$12,000; J. H. Bright Contracting & Building Co., Contr., 1821-23 Arcade Bldg.

Mo., Tarkio—Dr. C. E. Behan erecting office building; also building for post office.

Miss., Natchez—Ole K. Olsen, 822 Perdido St., New Orleans, has reinforcing steel contract for remodeling City Bank & Trust Co.; Weiss & Dreyfous, Archts., Maison Blanche Bldg., New Orleans; McArthur & McLemore, Contrs., Meridian, Miss.*

Churches

Fla., Orlando—Trinity Lutheran Church, Rev. Geo. Trapp, Pastor, 718 E. Livingston Ave., completed foundation of \$76,000 building; brick, basement and nave, 110x64 ft., oak floors, concrete foundation, Mohawk asbestos roof; furnishings, equipment, etc., \$25,000; Corbusier, Lenski & Foster, Archts., 246 Keith Bldg., Cleveland, O.; Dougherty-Young Construction Co., Contr., 200 Murphy Arcade. See Machinery Wanted.*

Md., Baltimore—St. Joseph A. M. E. Church erect \$12,000 brick building, 224 W. Falls Rd.; 2 stories, 25x65 ft., hot air heat; W. C. Russell, Archt.; J. B. Smith, Contr.

Miss., Amory—Methodist Church let contract to Chastang Construction Co., Jackson, for building.*

Miss., Hazlehurst—Shady Grove Baptist Church let contract to complete \$10,000 building to B. Carlson; cost \$10,000.

Mo., Clinton—Baptist Church erect \$40,000 building; Busboom Bros., Contrs., Fairplay, Neb.

N. C., Asheville—Presbyterian Church, colored, erecting \$45,000 church and manse. Address The Pastor.

Okla., Ada—First Baptist Church let heating contract for \$50,000 auditorium to E. K. Campbell, 2441 Charlotte St., Kansas City, Mo.; plumbing, Chas. A. Zarn, Ada; stone, Lumbermens Supply Co., Wichita, Kan.; steel, millwork and painting not let; structure brick, 3 stories and basement, 60x80 ft.; Jas. E. Greene, Archt., 1001 Bankers Bond Bldg., Birmingham, Ala.; day labor.*

Okla., Enid—First Presbyterian Church, Rev. D. M. Dieher, Pastor, let contract to D. C. Bass & Sons for \$175,000 main auditorium unit of \$250,000 building; brick and white stone, 81x136 ft.

Tex., Dallas—St. Edward's R. C. Church, Rev. P. J. O'Grady, Pastor, 4007 Elm St., let contract to Crisman & Nesbitt, Deere Bldg., for \$40,000 building, Elm and Hill Sts.; Romanesque type, 115x45 ft., auditorium seat 500, with emergency expansion to 800; Leo M. J. Dielmann, Archt., 306 E. Commerce St.*

Tex., Fort Worth—Sisters of Charity of Incarnate Word let contract for \$400,000 addition to St. Joseph's Infirmary to Jas. T. Taylor, B. Burnett Bldg.; reinforced concrete, brick curtain wall, terra cotta and stone trim, reinforced concrete floors and foundation. Wyatt C. Hedrick, Archt., First Natl. Bank Bldg.*

Tex., Houston—First Congregational Church let contract at \$52,000 to C. W.

Ennis for reinforced concrete, brick, stone and tile building, Main and Prospect Sts.; 48x98 ft., 48-ft. nave, wood floors, reinforced concrete foundation, tile roof; Jas. W. Northrop, Jr., Archt., West Bldg.*

Tex., McKinney—E. L. Vickery has plumbing contract for \$35,000 Central Presbyterian Church; wiring, Gay Electric Co.; J. H. Harris, Contr., Frisco.*

Tex., San Antonio—St. Mark's P. E. Church, Martin St., let contract at \$64,544 to W. C. Perry, Bedell Bldg., for main auditorium; concrete and brick, stone trim, 3 stories, 50 x100 ft., wood floors over concrete, tin roof; Giles & Beckman, Archts.; Alfred Giles, Engr., both Moore Bldg.*

Tex., Wichita Falls—First Methodist Church, J. J. Perkins, Chmn., Bldg. Commr., let contract for \$400,000 building, Tenth and Lamar Sts., to Robert H. Brown; fireproof, brick, stone, steel and reinforced concrete, 1 story, basement and balcony, 170x81 ft. with 49x47-ft. wing; Wm. Ward Watkins, 212 Scanlan Bldg., Houston, Wyatt C. Hedrick, First National Bank Bldg., Fort Worth, and Chas. J. Pate, 1005 City National Bank Bldg., Wichita Falls, Asso. Archts.*

City and County

Fla., Boca Raton—City, Geo. S. Atkins, City Clk., plans to resume work within 30 days on \$100,000 city hall; Addison Mizner, Archt., Palm Beach; F. H. Link, Contractor, Delray.

Fla., Miami—City let contract at \$34,500 to R. G. Witters Co., 1745 S. W. Sixth St., for fire station, Webb and Peters Sts., Little River, at \$36,700 for fire station, N. Miami Ave. and 17th St., and at \$52,424 for fire and pumping station, N. Miami Ave. and 14th St.; to Williams Construction Co., Vail Arcade, at \$15,900 for fire chief's residence, W. Flagler St. and 11th Ave.; W. R. Coleman, Fire Chief; plans by Aug. Geiger, Calumet Bldg.; H. H. Mundy, 218 N. E. Fifth Ave., and A. Ten Eyck Brown, Hippodrome Bldg.*

Fla., Orlando—Orange County Board of Commrs., Richard P. Robbins, County Judge, let contract for \$42,000 detention home for delinquent children, County Farm, to Chalker, Lund & Crittenden Construction Co.; Spanish type; accommodate 25 to 30.

Ga., Atlanta—City started work on clubhouse and rest room at James L. Key golf course; 1-story and basement, concrete base and floor; Edwards & Sayward, Archts., 101 Marietta St.

La., Monroe—City let contract to W. T. Calhoun for clubhouse on municipal golf course; J. W. Smith, Archt., Ouachita Bank Bldg.*

La., New Orleans—Playgrounds Commission erect \$11,500 building, Lizardi and Marais Sts.; Dudley & Wike Construction Co., Contr.

Miss., Greenwood—Leflore County Board of Supervisors recently let contract to Estes-Williams Construction Co., Derman Bldg., Memphis, Tenn., at \$78,000, for erection of 3-story, limestone, brick, concrete, structural steel frame addition to courthouse; first floor for use as a courthouse, jail above; 93x48 ft., concrete foundation, cement finish floors, composition on concrete roofing, jail equipment cost \$35,000; Frank R. McGeoy, Archt. and Engr.*

N. C., Asheville—City, John H. Cathey, Mayor let contract at \$508,000 to Buchholz Construction Co., Medical Bldg., for City's section of \$1,500,000 joint city-county building; pink limestone to second floor, corresponding brick above, bell tower, 120x120x180 ft., 8 stories, fireproof, steel, brick and marble, concrete foundation, marble and composition floors, terra cotta and tile roof; Douglas D. Ellington, Archt., Wabash Bldg., Pittsburgh, Pa., and 16½ Wall St., Asheville.*

Okla., Enid—City let contract for \$75,000 stock show and sales building at fair grounds to McMillan & Shelton; 1 story and basement, 80x280 ft., with 50x150-ft. wing, concrete and brick, concrete floors and foundation, composition built-up roof; R. W. Shaw, Archt.*

Okla., Pawhuska—Koenig Brothers Planing Mill, Chanute, Kan., has millwork contract for \$30,000 administration building at fair grounds; steel, Ben Sibbitt Iron & Foundry Co., Wichita, Kan.; Harry D. Joll, Archt., American Nat. Bank Bldg.; Louis Mueller, Contr.*

Dwellings

Ala., Selma—Mrs. J. E. Tate started work on Colonial residence, Edgewood addition,

North Selma; 2 stories; Smiley & Son, Contrs.

Ark., Newport—Mrs. A. D. Bailey let contract to Russell Construction Co., Conway, for face brick veneer residence; 1-story, hardwood floors, composition roof, tile bath, hot-water heat; H. Ray Burks, Archt., 307 Home Ins. Bldg., Little Rock.*

Ark., Newport—P. L. Lockard let contract to A. R. Anderson, Tuckerman, for face and common brick veneer residence; 1 story, 7 rooms, tile bath, composition roof, hardwood floors, hot water heat; H. Ray Burks, Archt., 307 Home Ins. Bldg., Little Rock.*

Ark., Newport—Mrs. Ira Mack let contract to W. A. Anderson, Tuckerman, for face brick veneer residence; 1 story, 7 rooms, composition roof, tile bath, hardwood floors, hot-water heat; H. Ray Burks, Archt., 307 Home Ins. Bldg., Little Rock.*

Ark., Newport—C. C. Martin let contract to Russell & James, Conway, for frame Colonial residence; 2 stories, 8 rooms, composition roof, hardwood floors, tile bath, hot-water heat; H. Ray Burks, Archt., 307 Home Ins. Bldg., Little Rock.*

Ark., Pine Bluff—W. N. Trulock, Jr., 402 W. Fifth St., erecting residence on plantation north of Pine Bluff; Durwood Kyle, Archt., Citizens Bank Bldg.

Fla., Hollywood—Mrs. Anna Berner erect \$15,000 residence, Hollywood Blvd.; Spanish type, frame and stucco; John R. Parrish, Archt.; C. E. Payne, Contr.

Fla., Jacksonville—B. W. Blount, Liggett Bldg., erect \$15,000 brick veneer residence, Greenwood St., near Hollywood St.; 2 stories; D. E. Kirkland, Contr.

Fla., Jacksonville—R. F. Snyder, 215 Mitchell Bldg., started work on \$25,000, 2-story, tile stucco residence, Edgewood Circle; hardwood floors, tile roof, equipment and furnishings cost \$10,000; owner builds. [See Machinery Wanted—Incinerators; Electric Refrigerators; Flooring (Hardwood); Limestone; Roofing Tile.]

Fla., Ocala—J. P. Chazaf started work on residence, Wyomonia Park.

Fla., Ocala—H. A. Waterman broke ground for residence, Fort King Ave.; Spanish type, 8 rooms; L. M. Johnson, Contr.

Ga., Augusta—Thos. G. Brittingham, 651 Broad St., has \$20,000 heating and plumbing contract for \$110,000 residence, 656 Milledge Rd., for B. F. Jones, Fourth and Ross Sts., Pittsburgh, Pa.; Bartholomew & Smith, Archts., Keenan Bldg., Pittsburgh; Griffin-Hodges Co., Contr., Bona Allen Bldg., Atlanta, Ga.*

Ky., Lexington—W. H. Pearson, Berea, started work on dwelling, Rosemont Garden extended.

Ky., Paducah—Dr. W. E. Johnson, Madison Apts., erect brick veneer residence, Vine St., Arcadia; 2 stories, G. Tandy Smith, Archt., Guthrie Bldg.; Hester Andrews, Contr.; plumbing, Chastaine & Habacker, Masonic Bldg.; heating, Holland Furnace Co., 630 Broadway; lumber and millwork, J. A. Dossett Lumber Co., 2315 Broadway.

Ky., Paducah—C. H. King, 2104 Broadway, remodel residence, 2100 Broadway; hardwood floors, brick porch, living room; H. S. Quinn & Son, Contrs., 3110 Kentucky Ave.; wiring, Harris-Beyer Electric Co., 210 S. Third St.

Ky., Paducah—Geo. Q. Langstaff, 800 Broadway, erect clapboard residence, 36th St., Avondale; 1 story, composition roof, 5 rooms; owner builds; heating and plumbing, Ed. D. Hannan, 319 Kentucky Ave.; lumber, Langstaff-Orn Lumber Co., 438 S. Second St.

La., New Orleans—Louis Hammer, 4307 Elba St., erect \$14,500 single raised cottage, Vincennes Place and Gen. Taylor St.; owner builds.

La., New Orleans—Bertalvin Realty Co., Inc., 318 Carondelet St., A. P. Lichtentag, Pres., erecting two \$10,000 duplexes, Soniat and Willow Sts.; 2 stories, hardwood floors, tile roofs; owner builds.*

La., New Orleans—Crescent City Building & Homestead Assn., 714 Union St., erect \$10,000 duplex, Upperline and Derbigny Sts.; Ruffin J. Walker, Contr., 2232 Cadiz St.

La., New Orleans—Hugh M. Ritchie, 2331 Joseph St., remodel dwelling, 1236 Second St., and erect duplex adjoining; work start by day labor about 30 days.

Md., Baltimore—Miss Virginia Blackhead, 2320 Allendale Rd., erect frame residence, Nottingham Rd. near Overhill Rd.; 2 stories, 35x26 ft., slate roof, hot water heat; cost about \$10,000; Fred Thomas, Archt., 726 East Thirty-third St.; Caughy & Co., Inc., 220 E. Lexington St., Contrs.

Md., Baltimore—John J. Dubbelde, Elgin Ave. and Rosedale Sts., erect 5 brick dwell-

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ings, Gwynns Falls Pkwy. and Hilton St.; 2 stories, 22x36 ft., Carey roofs, steam heat; total cost \$30,000; F. E. Beall, Archt., 306 St. Paul St.; owner builds.*

Md., Baltimore—Phillip S. Morgan erect 3 brick dwellings and garages, 46-48 Calverton Rd.; 2 stories, 15x41 ft. and 25x45 ft.; garages 8x20 ft., Carey roofs, steam heat; total cost \$17,000; P. T. Bond, 214 N. Linwood Ave., Archt.; owner builds.

Md., Baltimore—F. Stanley Porter erect \$10,000 frame residence and garage, Underwood Rd. S. of Cold Spring Lane; 2 stories, 30x30 ft. and 20x20 ft., slate roofs, hot water heat; F. E. Beall, Archt., 306 St. Paul St.; owner builds.

Md., Baltimore—Cornell Realty Co. erect 3 brick dwellings, N. W. cor. Bauernwood and Harford Rd.; 2 stories, 20x42 ft. and 18x32 ft., steam heat; total cost \$10,000; H. K. Mason, Archt., 8 E. Lexington St.; owner builds.

Md., Baltimore—E. B. R. Hanrahan erect \$10,000 residence and garage, Norwood Rd. near Northway; brick, 3 stories, 62x26 ft. and 22x23 ft., slate roofs, hot water heat; T. W. Jamison, Jr., Archt., Central Savings Bank Bldg.; Wm. H. Sands, Inc., Contr., Penna. Ave., Towson.

Md., Baltimore—Linthicum Realty Co., 20 E. Lexington St., erect 4 brick dwellings, E. side Hilton St. N. of Baltimore St.; 2 stories, 14x30 ft., slag roofs, furnace heat; total cost \$12,800; G. H. Davidson, Archt.-Contr.

Md., Baltimore—Union Homestead Assn., 351 Carondelet St., erect \$10,000 single stucco building, Darrington Ave. and Dolores St.; Edwin L. Markel, Contr., 3838 Louisiana Pkwy.

Md., Baltimore—City Real Estate Co., 11 E. Fayette St., erect 6 frame dwellings, 4601-11 Hamilton Ave.; 1½ stories, 24x28 ft.; also garage, 4707 Hamilton; total cost \$12,500; Geo. Wessel, 3001 Lytleton Rd.; owner builds.

Md., Baltimore—John P. Helmer, 114 S. Second St., erect 6 dwellings, S. E. cor. Potomac and Second Sts.; 2 stories, 14x46 ft., tin roofs, furnace heat; plans and construction by owner.

Md., Baltimore—Henry W. Hitchcock, 1726 N. Broadway, erect \$10,000 brick dwelling and garage, S. side Upnor Rd. E. of St. Albans Way; 2½ stories, 37x30 ft. and 20x20 ft., slate roofs, hot water heat; total cost \$10,000; J. W. Walcott, Archt.; owner builds.

Md., Baltimore—C. T. Howland erect \$14,000 frame residence, Cleveland Ave. and Chesapeake Ave.; 1½ stories, 23x26 ft., shingle roof, steam heat; H. C. Fisher, Contr.

Md., Baltimore—Linthicum Realty Co., 20 E. Lexington St., erect 5 brick dwellings, W. side Hilton St. N. of Baltimore St.; 2 stories, 14x30 ft., slag roof, furnace heat; total cost \$16,000; G. H. Davidson, 3305 Gwynns Falls Pkwy.

Md., Baltimore—J. C. Riepe, 6 E. Fayette St., erect \$15,000 brick residence, Lake and Widney Aves.; 2½ stories, 76x38 ft., slate roof, hot water heat; J. W. Jamison, Jr., Archt., 3022 Harlem Ave.; E. R. Tucker, Contr., 15 E. Fayette St.

Md., Baltimore—Geo. W. Schoenhals & Co., Munsey Bldg., erect 27 brick dwellings, 1301-41, 1353-63 Gorsuch Ave.; 2 stories, 16x45 ft. and 14x45 ft., slag roofs, hot water heat; total cost \$50,000; J. F. Hirt, Archt., 829 N. Luzerne St.; owners build; also purchased tract, E. side 11th St. between Philadelphia Rd. and Ashland Ave., for number 2-story brick dwellings.

Md., Baltimore—Robt. Seff, 231 St. Paul St., erect 5 brick dwellings, S. W. cor. 24th St. and Guilford Ave.; 2 stories, 45x66 ft., steam heat; total cost \$15,000; B. H. B. Ennis, Sr., Contr., Harford Rd. and Gibbons Ave.

Mo., Clayton, St. Louis—A. P. Smith, 6530 Joseph St., erect 3 brick dwellings, Watson Fruit Hill; 1 story, 23x24 ft.; total cost \$10,500; owner builds.

Mo., Clayton, St. Louis—A. J. Fleer, 2136 Allee St., erect 2 brick dwellings, Country Club addition; 2 stories, 35x38 ft. and 35x45 ft.; Nolte & Nauman, Archts., Fullerton Bldg.; Fleer Realty & Investment Co., Contrs.

Mo., Clayton, St. Louis—S. E. Lewis, 610 Chestnut St., erect \$15,000 brick residence, Skinker Heights; 2½ stories, 45x61 ft.; Nolte & Naumann, Archts., Fullerton Bldg.; G. F. Bergfeld Investment & Contracting Co., Contrs., 610 Chestnut St.

Mo., Maplewood, St. Louis—Don M. Dry, 4914a Loughboro St., erect \$10,500 bungalow, 7421 Zephyr Place; 2 stories, 33x35 ft., brick; Sidney Stoker, Sr., Contr., 6117 Adelaide St., St. Louis.

Mo., St. Louis—J. M. Gedney erect 2 brick dwellings, 4823-27 Lee St.; 1 story, 25x40 ft., asphalt shingle roofs, hot air heat; total cost \$10,000; plans and construction by owner.

Mo., St. Louis—M. Coen, 18th and Locust Sts., erect \$40,000 dwelling, 5855 Lindell Blvd.; brick, 1 story, 38x50 ft., slate roof, hot-water heat; Higbee Bros. Construction Co., Contr., Central Natl. Bank Bldg.

Mo., St. Louis—E. Warmboldt, 311 Dover St., erect 2 brick dwellings, 3959-63 Bates St.; 1 story, 36x28 ft., composition roofs, hot-air heat; total cost \$10,000; G. Adolf, Archt., 4209 Hartford St.; Laudel Real Estate Co., Contr., 6412 Michigan St.

Mo., St. Louis—Missouri Realty & Construction Co., 6117 Page Blvd., started work on 5 dwellings, 5117-23-27-30-31 Greer Ave.; 2 stories, 34x53 ft., hardwood floors, stone foundations, composition roofs, cost \$15,000 each; H. Guth, Archt., 813 Chestnut St.; plumbing, Wm. Beckman, 3447A Magnolia St. See Machinery Wanted.*

Mo., Webster Groves, St. Louis—J. H. Lewis, 735 Aubert Ave., St. Louis, erect \$10,000 residence, 539 Sherwood Drive; 10 rooms, 60x42 ft., brick and tile; owner builds.

Tenn., Kingsport—Kingsport Improvement Corp. erect 15 brick dwellings, Center St. near Cherokee St.; 2 stories, 25x26 ft., oak floors, brick foundations, asphalt roofs; Clinton MacKenzie, Archt., 119 Broad St., New York; Carrie Price, Engr.; Armstrong-Purkey-McCoy, Inc., Broad St., general contract at about \$54,000; plumbing and Arcola heating, J. R. Watkins; electric work, Kingsport Electric Co.; material purchased.*

Tenn., Knoxville—T. F. Hazen, Jr., 203-10 Realty Bldg., erecting \$15,000 residence, Glenfield Drive; 2 stories, thatched slate roof; furnishings, equipment, etc., \$5000; Baumann & Baumann, Archts., 813½ Market St.; H. E. Rogers, Contr., 202 Realty Bldg.*

Tenn., Memphis—G. C. Classman, 1368 Jefferson St., erect \$10,000 residence, 1372 Jefferson; brick veneer, 1 story and basement, 36x60 ft., composition shingle roof, oak floors, tile bath, steam heat, garage; M. E. Fogg, Contr., 3510 Faxon Ave.

Tenn., Memphis—F. C. Story erect brick veneer duplex, 669 Mansfield St.; 2 stories and basement, composition shingle roof, oak floors, tile bath, hot-water heat, garage; cost about \$10,000; Home Builders Corp., Contr., both Dermon Bldg.

Tex., Fort Worth—Harry B. Kahn, 1603 Homan Ave., erecting \$15,000 brick veneer residence, 1513 Thomas Place; 2 stories, 31x36 ft., oak floors; H. C. Wolf, Archt., 1025 Washington St.; Harnish & Bromboloe, Contrs., Moore Bldg.*

Tex., Houston—Wm. P. Posey, 2401 Terry St., started work on residence, Quanyby Rd. and Shepherd Drive, Southampton Place.

Tex., Houston—Jas. Anderson remodel residence, 3911 Montrose Blvd.; Jas. W. Northrop, Jr., Archt., West Bldg.; A. Tavery, Contr.

W. Va., Welch—Dr. Chas. H. Hicks completed foundation of \$30,000 English type residence, Maple Ave.; brick and frame, concrete foundation; Griffin & Watkin, Archts.; Chas. H. Smith, Contr.; roofing and sheet metal work, C. B. Propst; heating by Contr.; electric work and plumbing to be let by Contr.*

Government and State

Ala., Birmingham—Treasury Dept., Jas. A. Wetmore, Act. Supervising Archt., Washington, D. C., let contract to A. J. Krebs Co., Walton Bldg., Atlanta, Ga., for \$30,000 tunnel under Fifth Ave., connecting Post Office with Federal Reserve Bank Bldg.; reinforced concrete, 7 ft. wide, 7.6 ft. high, electric elevators; Warren, Knight & Davis, Archts., 1603 Empire Bldg.*

Ky., Bowling Green—State Purchasing Board erect armory, State St.; Warren County Jail in structure; Brinton B. Davis, Archt., Norton Bldg., Louisville Thos. J. Kelley, Jail Archt., St. Louis, Mo.; Raymond Contracting Co., Contr.*

Mo., St. Louis—Delmar Postal Building Co., 5725-29 Delmar Blvd., erect \$15,000 post office and store building, 5721-25-27 Delmar; 1 story, 50x157 ft., composition roof, steam heat; Otto Kreig, Archt., Arcade Bldg.; B. J. Charvelite Building & Real Estate Corp., Contr., 312 Calumet Bldg.

Tex., Waco—State Board of Control, Dr. H. H. Harrington, Chmn., Austin, let contract at \$24,352 to J. N. Bush for dining hall and kitchen at Home for Neglected and Dependent Children; fireproof, 1 story; me-

chanical contract, N. Hill, \$3996; Milton W. Scott & Co., Archts., 812½ Franklin Ave.*

Hospitals, Sanitariums, Etc.

Fla., Gainesville—Board of Commrs. of State Institutions, Tallahassee, let contract at \$29,000 to Gude & Co., Buckman Bldg., Jacksonville, for two 1-story brick ward buildings for epileptics and 1-story frame tubercular ward at Florida Farm Colony for Epileptic and Feeble-Minded; Mellon C. Greeley and Roy A. Benjamin, Asso. Archts., 32 W. Forsyth St., Jacksonville; board let contract to Adams, Rowe & Norman, Brown-Marx Bldg., Birmingham, Ala., for 12,960 tons of coal for various institutions.*

Ga., Valdosta—Dr. Griffin and Dr. A. G. Little erect addition to Little-Griffin Hospital; cost \$10,000 exclusive of furnishings and equipment; R. N. McEachern, Contr.

Mo., St. Louis—St. Luke's Hospital, 5535 Delmar Blvd., has \$10,000 permit for addition to 2-story building; brick, 16x110 ft., tile roof; LaBeaume & Klein, Archts., Compton Bldg.; Gamble Construction Co., Contr., 620 Chestnut St.

Tex., Austin—State Board of Control, Dr. H. H. Harrington, Chmn., let contract at \$15,873 to Brydson Bros. for hospital addition at Confederate Home; electric work, Fox Schmidt, \$1717; brick, stone and reinforced concrete, 3 stories, fireproof; Gleescke & Harris, Archts., Littlefield Bldg.*

Hotels and Apartments

Fla., Miami—Morris & Thomas erect \$15,000, 2-story, 4-apartment house at 737 N. W. 24th Ave.; Robert Thomas, builder; D. Leonard Halper, Archt., and Lee Perry, Asso., 130 Realty Board Bldg.

Fla., Miami Beach—Miami Beach Bay Shore Co. erect \$75,000, block stucco apartment building at S. W. cor. 51st St. and Prairie Ave.; 6 stories on ground floor, 8 apartments, reinforced concrete foundation; Charles L. Inscho, Archt.; Struck Construction Co., 328 N. E. 13th St., Contrs.*

La., New Orleans—Dudley & Winkle Construction Co., 823 Poydras St., has contract at \$32,000 for remodeling and addition of 38 shower baths in rooms of Monteleon Hotel, Royal St.; plumbing, Cabriac-Gelpi Plumbing Co.; tile work, Joseph Ariatti, 824 Carondelet St.; plastering, Wiston Bros.; millwork, National Sash & Door Co., 600 N. Dupre St.; Wogan & Bernard, Archts., Title Guarantee Bldg.*

Mo., St. Louis—West End Realty & Construction Co., 6511 Delmar Blvd., erect seven 2-story, brick, 34x52 ft. tenements, 4952-76 Lindenwood St.; \$70,000, tar, gravel and tile roofs, steam heat; C. L. Thurston, Archt., 6511 Delmar Blvd.; owners build.

Mo., St. Louis—A. F. Lerver, 206 Bright Bldg., erect four two-story, brick, 35x52 ft. flats, 5527-41 Ashland St.; composition roofs, steam heat; M. D. Larner, Archt., 6301 Clayton St.; owner builds.

Mo., St. Louis—B. Wegener, 3126 Nebraska St., erect \$14,000 46x52 ft., 2-story brick tenement, 3120-2 Nebraska St.; Meier & Mens, Builders, 1039 Marion St.; plans by owner.

N. C., Charlotte—Citizens Hotel Co., Julian H. Little, Pres., let contract to J. A. Jones Construction Co., Realty Bldg., at \$196,808 for erection of 137-room addition to Hotel Charlotte; plumbing to Standard Engineering Co., \$32,809; electrical work, Standard Engineering Co., \$5700; heating to C. W. Christian Co., \$9135; 10 stories, fireproof, 97x53 ft.; E. E. Seelye, Engr., 101 Park Ave., N. Y.; W. L. Stoddart, Archt., 50 E. 41st St., New York.*

Tenn., Lenoir City—Lenoir City Hotel Co. let contract to Worham Brothers, Empire Bldg., Knoxville, for \$200,000, 3-story, semi-fireproof hotel building; 56 guest rooms each with private bath, also 8 storerooms and lobby.

Tex., Houston—F. S. Glover, Binz Bldg., erecting two 2-story, brick veneer apartment buildings at 519 and 523 Colquitt Ave. in Montrose, cost \$40,000; asbestos roofs; owner builds.

Tex., Houston—Lightfoot-Bolton Construction Co., 3103 Main St., erect \$13,000, 2-story, brick veneer, 4-apartment house with garage, 1221 W. Pierce St.

Tex., Houston—Securities Investment Co. of Houston, care D. D. Kahl, 705 Bankers Mortgage Bldg., erecting \$22,000, 2-story, brick veneer, 55x38 ft. apartments, corner Richmond and Jack Road; reinforced concrete foundation, asbestos slate roof, equipment and furnishings cos \$5000; C. S. Chase, Archt., 216 Hawthorne St.; L. C. Wagner, Engr.*

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Tex., Mineral Wells—Crazy Well Hotel Co., care Carr P. Collins, Pres., Fidelity Union Bldg., Dallas, let contract to Jopling-Marshall Co., Slaughter Bldg., Dallas, at about \$700,000 for 100x200 ft., 250-room, 7-story and basement hotel; Lang & Witchell, Archts., 300 American Exchange Bank Bldg., Dallas; Withers & Merrill, Assos., 104½ Oak St., Mineral Wells; Gardner & Howe, Struc. Engrs., 1112 Kirby Bldg., Dallas.*

Tex., Sherman—Sherman Hotel Co., care Stanley Bros., let contract to Bellows-Mac Lay Construction Co., Kirby Bldg., Dallas, for \$350,000 5-story, 108-room, brick, stone, tile and reinforced concrete Hotel Grayson, Travis and Mulberry Sts.; Boyle & Carrington, Archts., 1800 Caruth St.; Gardner & Howe, Struc. Engrs., Kirby Bldg.; both Dallas. (Recently reported at Tex., Houston.)*

Tex., Weslaco—Clarence A. Sheffield, Park Hotel, Dallas, let contract to Hughes Orick Construction Co., 1713½ Live Oak St., Dallas, for erection of \$250,000, 3-story and part basement, brick, stone, reinforced concrete, fireproof, 100-room hotel; Wyatt C. Heldrick, Archt., First Natl. Bank Bldg., Fort Worth.*

Miscellaneous

D. C., Washington—Queensberry Corporation, 215 Southern Bldg., let contract to R. P. Whitty Co., Union Trust Bldg., for \$1,000,000 8-story steel frame, fireproof theater, club and stores building at 14th and Columbia Rd. N. W.; concrete and brick foundation, flat roof; hollow and interior tile, metal doors, steel sash and trim, wire glass, rolling partitions, mail chutes, dumb waiters, vaults, vault lights, ventilators, marble, cast stone, limestone terra cotta trim; flooring of tile, terrazzo, hardwood, rubber tile and composition; Milburn, Heister & Co., Archts., Hill Bldg.*

D. C., Washington—Capitol Cemetery Co. started work on Italian Romanesque type chapel and cloisters at Fort Lincoln Cemetery, to cost \$150,000; Horace W. Peaslee, Archt., 1504 H St. N. W.

Fla., Miami—Opa-Locka Co., Inc., 132 E. Flagler St., started work on 1-story and tower, hollow tile and stucco, 40x200-ft. golf club at Opa-Locka; tile and concrete floors, concrete foundation, slag and tile roof; Bernhardt E. Muller, Archt., 327 Fifth Ave., New York.*

Fla., Sarasota—Burns Construction Co. erecting \$20,000 2-story frame bathing pavilion at Lido Key, for Lido Beach Bathing Co.

Fla., Sarasota—John Ringling has let contract for erection of initial unit of \$500,000 art museum to cost \$250,000; 400x244 ft. and 30 ft. high; John H. Phillips, Archt., 681 Fifth Ave.

Mo., St. Louis—W. Schneider, 3524 Olive St., let contract to B. J. Charleville Building & Real Estate Co., 312 Calumet Bldg., for \$18,000, 2-story, 39x118 ft., brick restaurant, 3536-8 Washington St.; Russell A. Conzelman, 114 N. Seventh St.

Md., Baltimore—Convent of Our Lady and St. Francis let contract to Frairie Bros. & Haigley, 10 W. Franklin St., for 3-story extension on Maryland Ave., and 3-story addition on 23rd St.; \$125,000, provide classrooms, playrooms, dormitories and refectories for orphan asylum; John K. Stack, Archt., 308 E. Lafayette Ave.

Tex., Houston—James Antill, 210½ Main St., has contract for \$12,000, hollow tile and slate cow barn for Sisters of Charity Novitiate.

W. Va., Welch—McDowell Country Club, Guy Mace, Sec., let contract to C. A. Smith, for \$22,000 frame, semi-Colonial type clubhouse; designed by W. P. Shriner, Gary.

Schools

Ala., Mobile—S. S. Murphy, Supt. of Schools, let contract to Jacob Van Sys & Son, at \$14,492, for erection of auditorium at Stocking and Church Sts.

Fla., Belleair—See Fla., Clearwater.

Fla., Clearwater—Pinellas County Board of Public Instruction, R. S. Blanton, Supt., let contract to R. M. Thompson, at \$47,539, for erection of elementary school in Belleair; Harrison-Power Hardware Co. received hardware contract for Coffee Pot elementary school, Mount Vernon elementary, Gulfport Junior High and Lelma Junior High schools.

Fla., Pensacola—Escambia County Board of Public Instruction, William Tyler, Supt., let contract to Crona Brothers for renovation of Tate Agricultural School; also plans to erect 4 or 8 room addition.

Fla., Sarasota—Sarasota County Board of Public Instruction, A. L. Joiner, Chmn., let

contract to T. A. Monk, Whitfield Estates, for erection of first unit of High School building at cost of \$300,000; total cost to be more than \$1,000,000.*

Fla., Tampa—Board of Trustees, District No. 4, Hillsborough County, County Court House, let contract to Marshall-Jackson Co., Hyde Park Ave. and DeLeon St., at \$120,900, exclusive of blackboards and steel sash, for erection of 2-story, 62x300-ft. school building, Osborne Ave. and Ola St.; face brick walls, fireproof corridors and stair towers, wood, terrazzo and cement floors, concrete foundation; Frank Dunham, Archt., 1010 Tribune Bldg.; F. S. Lamson, Mechanical, and Walter Dyson, Electrical Engrs., Brantley Bldg.*

Fla., Tampa—Hillsborough County Board of Public Instruction, W. D. F. Snipes, Sec., let contract to A. P. Clark, at \$29,271, for erection of Oak Grove School; 2 stories, brick, 9 classrooms, assembly room with seating capacity of 250, library, principal's office and lavatories.

Ga., Fitzgerald—Board of School Trustees let contract to Standard Supply Co. for classroom and auditorium annex to High School, 8-room brick school in First Ward and 6-classroom, frame negro school; M. F. Whitman, plumbing; Service Co., Inc., 1522 First Ave., heating; T. F. Lockwood, Archt., 211-12 Murrah Bldg., Columbus.*

Ky., Owensboro—Davies County Board of Education, J. W. Snyder, Supt., let contract to Clark Co. for construction of Green's Chapel school near Yelvington; George Myles, carpenter work.

Ky., Paducah—Board of Education, L. J. Hannigan, Supt., City National Bank, let contract to Lockwood & Gasser, at \$38,834, for construction of 2-story, brick trimmed with cut stone, 12-classroom Franklin Junior High School; Ed Hannan, 319 Kentucky Ave., heating and plumbing at \$5196; Mitchell Machine & Electric Co., 123 Broadway, electric work at \$895; G. Tandy Smith, Archt., Guthrie Bldg.*

Ky., Russellville—Logan College for Girls, Dr. E. F. Goodson, Pres., expending \$10,000 for interior repairs.

La., Baton Rouge—Building Committee of School District No. 1 let contract to Kewanee Manufacturing Co., Kewanee, Wis., distributing through F. F. Hansell, 404 Carondelet St., New Orleans, for installation of laboratory equipment in Baton Rouge High School, cost about \$11,000.*

La., Church Point (R. F. D.)—Cecilia Baptist Academy, care Thomas E. Mixon, started work on \$10,000, 2-story, 36x70 ft. dormitory; pine floors, brick foundation, Johns-Manville roof, equipment and furnishings cost \$2000; Joe Huckaby, Contr., Eunice.*

Miss., Columbus—Columbus Marble Works has contract for building stone for dormitory, dining hall and laundry buildings, for which L. W. Hancock, Meridian, received general contract at \$253,000; P. J. Krouse, Archt., Meridian.*

N. C., Charlotte—H. P. Harding, Supt. of Schools, let following contracts for installation of electric lighting facilities in schools: Woodside Electric Co., 37 E. Fourth St., for Dilworth, Elizabeth and Wesley Heights Schools, at \$4300; R. H. Boulligny Electric Co., 27 W. First St., Third and First Ward School, \$3300; Electrical Constructors Co., 508 W. Fourth St., Villa Heights school, \$2200; R. E. Robinson Electric Co., South Graded school, \$1755; R. H. Boulligny, Alexander Graham school, \$4500.

N. C., Linwood—W. Lee Harbin, Contr., erecting four classrooms and basement to consolidated school building, for Davidson County Board of Education, both Lexington.

N. C., Yadkinville—Yadkin County Board of Education let contract to C. N. Dobbins for erection of \$26,000 school building at Courtney.

S. C., Anderson—Board of Trustees of School District No. 17 let contract to Townsend Lumber Co. at \$54,000 for rebuilding boys' high school, destroyed by fire; Casey & Fant, Archts.*

S. C., Clemson College—C. M. Guests & Son, Contrs., Anderson, erecting \$50,000, steel and concrete brick exterior, 1-story engineering and mechanical shop building.

Tex., Dallas—Board of Education let contract to Stearman & Son, 3913 Main St., for \$97,500 Stephen J. Hay School; Flint & Broad, Archts., Meiba Bldg.*

Tex., Elgin—Elgin Independent School District Board of Education, Ed Fromme, Pres., let contract to H. E. Wattinger, 10th and Brazos Sts., Austin, at \$63,388, for erection of 2-story, fireproof High School building; 148.6x79 ft. with auditorium 48x52.2 ft., cement and wood floors, concrete

columns and grade beams, composition roof; Page Brothers, Archts., Austin National Bank Bldg., Austin; M. L. Diver, Engr., Box 1073.*

Tex., Thorp Spring—Thorp Spring Christian College converting building into dormitory to accommodate 16 girls.

Va., Danville—School Board let contract to C. M. Weber, Masonic Temple, at \$67,333, for erection of first unit of North Danville Junior High school; Charles M. Robinson, Archts., Times-Dispatch Bldg., Richmond.*

Va., Swords Creek—H. C. Davis, Archt.-Builder, Honaker, has contract for 88½x66½x20 ft., brick, steel sash, \$10,000 school building; R. N. Anderson, Supt., Lebanon; plans and specifications by State Department of Education, Richmond. (See Machinery Wanted—Folding Door Hardware; Blackboards; Interior Trim; Steel Beams.)

Stores

Ark., Jonesboro—Piggly Wiggly Store, Howard Stuch, Mgr., let contract to W. C. Smith for erection of store building; Elmer A. Stuch, Archt.

Ark., Marked Tree—Mrs. N. J. Hazel, Railroad St., erecting \$11,500, 1-story, brick, 81x50 ft. stores building; concrete floors and foundation, asbestos roof, equipment and furnishings cost \$5000; L. V. Ritter, Archt., Frisco St.; Dawson Brothers, Contrs.*

Ark., Prescott—Mrs. C. C. Hamby let contract to Stanley Barger for rebuilding business building recently burned.

Ark., Ozark—C. B. Carter, Mgr. of J. B. Carter estate, let contract for rebuilding burned business building; 2 stories, brick, to be occupied by Haynes & Agee.

Fla., Jacksonville—Cohen Brothers, J. E. Cohen, Pres., owners of The Big Store, let contract to James Stewart & Co., Inc., New Burnett Bank Bldg., for alterations and improvements to cost \$250,000; American Blower Co., 6004 Russell St., Detroit, Mich., has contract for air cooling system; Grand Rapids Showcase Co., Grand Rapids, Mich., install showcases and fixtures; O. P. Woodcock, Duval Bldg., has contract for construction of \$22,000, brick and steel garage, Orange and Julia Sts.; E. P. Behles & Co., Archts., New York and Bank of Commerce Bldg., Memphis, Tenn.

Fla., Jacksonville—W. D. Gerbrich, 325 W. Forsyth St., erect 3 stores on St. Johns St. for U. J. Stollework; \$12,000, 1 story, brick.

Fla., Maitland—DeNoyells & Marsh, Contractors, erecting 2-story brick and hollow tile store and apartment building on Maitland Ave., for W. T. Clark.

Fla., Orlando—S. M. Lantz, 833 E. Concord St., let contract to Ed Kenyon, Ponce de Leon Place, for \$29,000, 2-story, brick and stucco over hollow tile store and apartment building, N. Mills St. and E. Colonial Drive.

Fla., Tampa—Maas Bros. Haberdashery, Franklin and Zack Sts., let contract to G. A. Miller, 312½ Twigg St., for erection of \$70,000, 4½x105-ft., 2-story and basement store building, 703-5 Franklin St.

La., New Orleans—Albert and Victor Hurwitz, 838 Canal St., let contract to Gervais F. Favrot for alterations to building at 701-14 Baronne St.; \$43,343.

La., Shreveport—Johnson Furniture Co., 509 Milam St. let contract to Glassell-Wilson Co., Inc., Sinclair Bldg., for 6-story brick and reinforced concrete, 123x160 ft., fireproof store and warehouse building in Texas Ave., near Grand Ave.; Jones, Roessle, Olschner & Welner, Archts., Ardiss Bldg.*

Miss., Biloxi—Mrs. N. L. Yergler let contract to Collins Bros. Contracting Co. for \$60,000 2-story steel, with face brick and tile, 139x105 ft. building on Howard Ave.; 5 stores with offices above, steam heat; Shourds & Stoner, Archts., Gulfport.*

Mo., Kansas City—J. F. Melster erecting Spanish type 7-storeroom building on 39th St.

Mo., Kansas City—Halpin-Boyle Construction Co., 709 Railway Exchange Bldg., will erect business building on Central St.

Mo., St. Louis—Jefferson Realty & Investment Co., Jefferson and Cherokee Sts., let contract to W. F. Clodius & Son, Cherokee Natl. Bank Bldg., for \$40,000, 2-story, brick, 100x114-ft. store and office building, 3407-13 S. Jefferson St.; tar and gravel roof; E. J. Schleicher, Archt., 3607 California St.

Mo., St. Louis—Dickie Construction Co., 1643 Syndicate Trust Bldg., has contract for alterations to building of Werner & Werner Clothing & Furnishing Co., 519-25 Locust St.; Pleitch & Price, Archts., Arcade Bldg.

Mo., St. Louis—Mayer Diamond, 3338 Union

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

St., erect \$12,000, 52x57 ft., 2-story store and tenement, 3320-4 Union St.; composition roof, furnace heat; owner builds; Mr. Tooke, Archt., 3328 Union St.

Mo., St. Louis—L. Seegal, 1702-a Tower Grove St., let contract to Jones Bros. Construction Co., 5549 Wells St., for \$12,000 2-story, 37x58 ft. store and office building, 1710-12 Tower Grove St.; tar and gravel roof, steam heat; G. Becker, Archt., Ferguson, Mo.

Tex., Coleman—B. F. Robey let contract to William Hood for \$30,000, steel, concrete and brick community center, Live Oak and Neches Sts.; 3 stores will front 50 ft. on Live Oak and one 25 ft. on Neches St.; 50x40 ft. filling station at corner; Wm. G. Clarkson & Co., Archts., First National Bank Bldg., Fort Worth.

Tex., Goose Creek—A. Aaron let contract to A. T. Hingle at \$12,800 for erection of store building; L. Gabert, Archt., Binz Bldg., Houston.

Tex., San Benito—H. E. Agar let contract to O. S. Wallace for erection of \$50,000, 2-story building; stores on first floor, 50-room hotel above; Elwing & Mulhausen, Archts., Harlingen.

W. Va., Matoaka—H. C. Davis, Archt.-Builder, Honaker, Va., erecting \$15,000, 2-story, 28x90 ft., brick building for Roy T. Wright; store room on first floor, 2 apartments and 2 offices above; tile floors, steel ceiling, plate glass fronts, steel beams; plans by Contr.

Theaters

D. C., Washington—Queensberry Corp. (See Miscellaneous—Contracts Awarded.)

Fla., Sarasota—A. Pearlman & Co. erect \$30,000 1-story tile and stucco negro theater building; Hudson Wood, Contr.; George G. Willis, wiring; McCaney Plumbing Co. will furnish fixtures.

Fla., Brooksville—Hawkins & Hudson, care Allen Hawkins, let contract to T. H. Emerson for \$50,000, fireproof, 80x100 ft. motion picture theater on Broad St.; seating capacity of 1000, including white and negro balconies.*

Fla., Miami—Paramount Enterprises, Inc., Harry A. Leach, Gen. Mgr., Olympia Bldg., recently let contract to C. A. Taylor, 227 N. W. 22nd Lane, for \$75,000, 50x95 ft. structural steel, tile curtain walls, 1-story and balcony theater building, 71 E. Flagler St.; concrete and terrazzo floors, concrete and composition roof; Seuthorpe & Noonan, Archts., Townley Bldg. (See Machinery Wanted—Tile; Metal Doors; Wire Glass; Flooring; Ventilators; Sprinklers; Cast Stone).*

Ga., Atlanta—G. R. Black, Newman, started work on \$100,000 motion picture theater on Ponce de Leon Ave., near Boulevard; Frazier & Borden, Archts., Candler Bldg.*

La., New Orleans—Dixie Heating & Ventilating Co., 109 Fannin St., Houston, Tex.,

has air cooling and refrigeration contract on \$2,000,000 theater for Saenger Amusement Co., 1401 Tulane St.*

Miss., Biloxi—Mrs. Rucks Yerger let contract to Collins Bros. Contracting Co. for repairing brick wall of Strand Theater damaged by fire.

Mo., Cape Girardeau—S. E. Brady, Mgr. of New Broadway Theater, expending \$10,000 for new furnishings, redecorating, etc.

Mo., Joplin—Reynolds Maxwell, Mgr. of Electric Theater, expending \$100,000 for improvements; include installation of heating and ventilating system, \$25,000 Wurlitzer pipe organ, reseat with 1450 opera chairs, etc.

Tex., Houston—Red Lantern Players of Houston, F. C. Minster, 1005 Boulevard Heights, director, let contract to Henry McCodder for construction of Red Lantern Playhouse, on Fifth St. between Heights Blvd. and Yale; auditorium to seat from 350 to 400 and be 35x50 ft., stage 25x30 ft.

Warehouses

Ala., Huntsville—Jones-Baugh Cotton Co. let contract to C. E. Baxter for 174x116-ft. cotton warehouse adjoining present building; all materials purchased.

Miss., Moss Point—Texas Oil Co., Houston, Texas, started work on oil depot on Moss Point-Pascagoula Highway; include 24x80 ft. warehouse with 6-ft. platform, filling shed, garage and filling station; B. F. Miller, New Orleans, La., construction foreman.

MACHINERY, PROPOSALS AND SUPPLIES WANTED

Air Compressors.—J. L. Kelley Construction Co., 11 Wayne Bldg., Miami, Fla.—Wants Ingersoll-Rand or Sullivan air compressors, second-hand.

Architectural Wood Mantels.—Keystone Building & Sales Co., 2020 First Ave., Birmingham, Ala.—Wants data, prices and literature on architectural wood mantels from jobbers and manufacturers for office reference.

Artesian Well.—City of Gulfport, Miss., Hobart D. Shaw, Engr.—Receives bids August 12 to complete 10-inch artesian well.

Automobiles.—Marine Corps, Quartermaster's Dept., Washington, D. C.—Receives August 6 to furnish and deliver 3 passenger carrying automobile, Dodge type or equal; Sch. 5-1927.

Belting.—Wells Chapel Gin Co., E. W. Whipple, Gen. Mgr., Jefferson, Tex.—Wants prices on 6-in. Gandy and 10-in. rubber belt for 11x16-in. steam engine.

Blackboards.—H. C. Davis, Archt.-Bldr., Honaker, Va.—Wants prices on blackboards for \$10,000 school, Swords Creek.

Boilers.—See Power House Extensions.

Boiler.—Walter R. Jennison, Bisbee Bldg., Jacksonville, Fla.—Wants 125-150 h.p. new or first-class used Scotch marine set-back boiler, suitable for 150-lb. working pressure.

Boilers.—Benton & Benton, Archts., Fidelity Mutual Bldg., Wilson, N. C.—Wants high-pressure steam boilers, about 18 to 20 h.p., locomotive type; correspond with manufacturers.

Boring Bar.—Birmingham Engine & Machinery Corp., Birmingham, Ala.—Wants one used 6-in. horizontal boring bar with 10-ft. table.

Bridge.—Charleston, W. Va., will build and improve 4 bridges. See Construction News—Bridges, Culverts, Viaducts.

Bridge.—Rockville, Md. See Construction News—Bridges, Culverts, Viaducts.

Bridge.—State of Missouri will build 36 bridges.—See Construction News—Roads, Streets, Paving.

Brine Coolers.—Chief of Div. of Purchases and Sales, Dept. of Agriculture, Washington, D. C.—Receives bids August 3 to furnish 3 shell and tube type brine coolers for use in Center Market.

Bucket.—Hackley Morrison Co. (Mchy. Dealer), 1708 Lewis St., Richmond, Va.—Wants $\frac{1}{2}$ to $\frac{3}{4}$ yd. clamshell bucket, Standard preferred.

Built-in Furniture.—Keystone Building & Sales Co., 2020 First Ave., Birmingham, Ala.—Wants data, prices and trade literature on steel and medicine cabinets; ironing boards; disappearing beds and all built-in furniture for residence and apartments from jobbers and manufacturers for office reference.

Cars (Dump).—C. H. Gallrein, Santa Fe Bldg., Dallas, Tex.—Wants six second-hand

air dump cars, 20 to 30 yd. capacity, first-class condition, Texas delivery.

Cast Stone.—R. L. Brown, Sec., Mississippi Building Commission, Cleveland, Miss.—Wants prices on cast stone for \$100,000 dormitory, Delta Teachers' College.

Cast Stone.—E. V. Kaplan, 7929 Riverview Ave., Swissvale, Pa.—Wants prices on cast stone for 20 bungalows, Asheville, N. C.

Cast Stone.—E. J. Wolpert, Archt., Jonesboro, Ark.—Wants prices on cast stone for \$10,000 school auditorium and gymnasium at Monette.

Cast Stone.—C. A. Taylor, Contr., 227 N. W. 22d Court, Miami, Fla.—Wants prices on cast stone for \$75,000 theater building.

Cast Stone.—J. W. Northrop, Jr., 302 West Bldg., Houston, Tex.—Wants prices on cast stone.

Cement Plant Machinery.—J. W. Bailey, Marshallton, Del.—Wants data and prices on manufacture of cement, including quarry methods and equipment, plant equipment, etc.

Church Furnishings, etc.—Rev. Frank Atkinson, Stratford Ave., Houston, Tex.—Wants prices on equipment, etc., \$12,000, for First Congregational Church.

Church Furnishings, etc.—Rev. Geo. Trapp, 718 E. Livingston Ave., Orlando, Fla.—Wants prices on equipment, etc., \$25,000, for church.

Cinder Concrete Block.—Henry Winterhalter, 48 W. 16th St., Jacksonville, Fla.—Wants data on cinder concrete block; correspond with manufacturers or firms holding patent right.

Concrete Floor Hardener.—E. M. Clawson, City Engr., Sebring, Fla.—Wants data and prices on chemical used to harden concrete floors; correspond with manufacturers.

Concrete Mixer.—Hackley Morrison Co. (Mchy. Dealer), 1708 Lewis St., Richmond, Va.—Wants one 7 cu. yd. gasoline mixer.

Concrete Mixers.—See Contractor's Supplies and Equipment.

Condenser.—Walter R. Jennison, Bisbee Bldg., Jacksonville, Fla.—Wants 350-400 sq. ft. cylindrical or rectangular brass tube surface condenser, mounted over combined air or circulating pumps.

Contractor's Supplies and Equipment.—H. C. Davis, Archt.-Bldr., Honaker, Va.—Wants prices on concrete mixers, hoists, chains, blocks, trucks, water hose, scraper, wheelbarrows, picks, shovels, water pumps (power and hand), etc.

Copper Store Fronts.—Keystone Building & Sales Co., 2020 First Ave., Birmingham, Ala.—Wants data, prices and literature on copper goods for store fronts from jobbers and manufacturers for office reference.

Core Boring.—Board of Awards, V. Bernard Siems, Water Engr., Baltimore, Md.—Receives bids Aug. 4 for core borings in rock at Pretty Boy Dam and Bridge site.

Corrugated Iron.—McNeil Gin Co., J. E. Blair, Sec., McNeil, Ark.—Wants prices on corrugated iron roofing and siding.

Crushers.—See Pulverisers and Crushers.

Cylinder Oils, etc.—J. M. Marshall, Pres., Overland-Knight Motors, Inc., 1315 W. Broad St., Richmond, Va.—Wants to correspond with several independent oil companies who would be interested in furnishing distributing company with gasoline and cylinder oils in tank and car lots.

Dental Plate Material.—J. Hod Williams, D.D.S., Maddock Bldg., West Palm Beach, Fla.—Wants data on substitute for vulcanite used in the manufacture of dental plates.

Disappearing Beds.—See Built-in Furniture.

Domestic Electric Light Plants.—H. C. Davis, Archt.-Bldr., Honaker, Va.—Wants prices and data on domestic light plants.

Domestic Water Plants.—H. C. Davis, Archt.-Bldr., Honaker, Va.—Wants prices on domestic water plants.

Doors (Revolving).—Thos. Chas. Williams, 8 E. Lexington St., Baltimore, Md.—Wants revolving doors.

Dragline Bucket.—Hackley Morrison Co. (Mchy. Dealer), 1708 Lewis St., Richmond, Va.—Wants one open bottom drag line bucket.

Drill Press.—City Hall Garage, 106 Barr St., Lexington, Ky.—Wants prices on drill press.

Drop Forge Shop Equipment.—N. A. Gregory, Oxford, N. C.—Wants machinery to manufacture (patented) small garden hoe by the drop forge process; all equipment for purpose except the power desired.

Dumb Waiters.—C. C. Hartman, Archt., Jefferson Standard Bldg., Greensboro, N. C.—Wants prices on dumb waiters for \$100,000 Richardson Memorial Hospital for Negroes.

Dumb Waiters.—Howard M. Reynolds, Archt., Orlando Bank & Trust Bldg., Orlando, Fla.—Wants prices on dumb waiters for 4-story Chamber of Commerce building.

Electric Conveyor.—Elkin-Henson Grain Co., Meridian, Miss.—Wants electric conveyor to carry goods from first to second floor, class of goods to be conveyed would be feed in 100-lb. sacks, baled hay, case goods, etc.

Electric Lighting Fixtures.—Dist. Commrs., Room 509, District Bldg., Washington, D. C.—Receives bids August 9 to furnish and deliver electric lighting fixtures and reflectors.

Electro Magnet.—Frank B. Newton, Div. Engr., Missouri State Highway Dept., Sikeston, Mo.—Wants electro magnet to pick up scrap iron and nails from highways; will equip heavy motortruck with the magnet and use on gravel roads to lessen the damage to automobile tires.

Electric Refrigerators.—U. S. Veterans Bureau, Supply Division, Washington, D. C.—Receives bids Aug. 6 for automatic electric

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refrigerators for U. S. V. Hospital, Muskogee, Okla.

Electric Refrigerators.—Jacob Fessler, Contr., Mercedes, Texas.—Wants prices on electric refrigerators for \$110,000 business and apartment building.

Electric Refrigerators.—C. C. Hartman, Archt., Jefferson Standard Bldg., Greensboro, N. C.—Wants prices on electric refrigerators for \$100,000 Richardson Memorial Hospital for Negroes.

Electric Refrigerators.—R. F. Snyder, 215 Mitchell Bldg., Jacksonville, Fla.—Wants prices on electric refrigerators for \$35,000 residence.

Electrical Supplies.—E. V. Kaplan, 7929 Riverview Ave., Swissvale, Pa.—Wants prices on electrical supplies for 20 bungalows, Asheville, N. C.

Engine (Oil).—M. E. Worrell, Murfreesboro, N. C.—Wants data and prices on 80 h.p. fuel oil engine.

Engine.—J. B. Snider, Jr., Mayor, Senatobia, Miss.—Wants to purchase before Oct. 1 either 120 or 180-h. p. Delsel engine.

Engine (Oil).—L. J. Breed Equipment Co., 811 James Bldg., Chattanooga, Tenn.—Wants one used 75 or 100 h.p. marine type oil engine; state age, delivery, condition and price.

Feed Water Heater.—Walter R. Jennison, Bisbee Bldg., Jacksonville, Fla.—Wants one Reilly marine feed water heater, 150 B.H.P.

Fire Fighting Equipment.—H. A. Beattie, Mayor, City of Starkville, Miss.—Receives bids August 17 for one triple combination 750 gal. pumper, chemical and hose truck, T. J. Gunn, City Clerk.

Fire Fighting Equipment.—H. A. Beattie, Mayor, Starkville, Miss.—Receives bids Aug. 17 for one triple combination 750-gal. pumper, chemical and hose truck; T. J. Gunn, City Clk.

Fire Hose.—U. S. Veterans Bureau, Supply Division, Washington, D. C.—Receives bids Aug. 9 for 100 ft. of 2-in. fire hose, couplings and gaskets.

Flooring (Hardwood).—Missouri Realty & Construction Co., 6117 Page St., St. Louis, Mo.—Wants prices on hardwood flooring for five \$15,000 dwellings.

Flooring (Hardwood).—Stone Bros., Russellville, Ala.—Wants prices on hardwood flooring for \$28,000 office and sales room building, Sheffield, Ala.

Flooring.—C. A. Taylor, Contr., 227 N. W. 22d Court, Miami, Fla.—Wants prices on terrazzo and concrete flooring for \$75,000 theater building.

Flooring (Hardwood).—Swartz & Hamberlin, Central Natl. Bank Bldg., San Angelo, Tex.—Wants prices on hardwood flooring for dwelling.

Flooring.—E. V. Kaplan, 7929 Riverview Ave., Swissvale, Pa.—Wants prices on hardwood, linoleum, rubber tile and composition flooring for 20 bungalows, Asheville, N. C.

Flooring.—Howard M. Reynolds, Archt., Orlando Bank & Trust Bldg., Orlando, Fla.—Wants prices on tile and terrazzo flooring for 4-story Chamber of Commerce building.

Flooring.—E. H. Sudduth Co., Bluefield, W. Va.—Wants prices on tile and hardwood flooring for 2-story stores and garage, Welch.

Flooring (Composition).—C. C. Hartman, Archt., Jefferson Standard Bldg., Greensboro, N. C.—Wants prices on composition flooring for 100,000 Richardson Memorial Hospital for Negroes.

Flooring (Hardwood).—E. J. Wolpert, Archt., Jonesboro, Ark.—Wants prices on hardwood flooring for \$10,000 school auditorium and gymnasium at Monette.

Flooring (Hardwood).—R. F. Mitchell, 215 Mitchell Bldg., Jacksonville, Fla.—Wants prices on hardwood flooring for \$35,000 residence.

Flooring (Linoleum).—D. C. Smithy, Paris, Mo.—Wants prices on linoleum flooring for church.

Flooring (Tile).—E. G. Holladay Co., 401 Martin Bldg., Birmingham, Ala.—Wants prices on flooring tile for office and showroom building.

Flooring (Linoleum).—J. W. Northrop, Jr., 302 West Bldg., Houston, Tex.—Wants prices on linoleum flooring.

Flooring (Hardwood, Tile), etc.—Keystone Building & Sales Co., 2020 First Ave., Birmingham, Ala.—Wants data, prices and literature on hardwood flooring, factory flooring and tile flooring of all kinds (not erected), from jobbers and manufacturers for office reference.

Folding Door Hardware.—H. C. Davis,

Archt.-Bldr., Honaker, Va.—Wants prices on foldign door hardware and tracks.

Furnaces (Hot Water).—E. V. Kaplan, 7929 Riverview Ave., Swissvale, Pa.—Wants prices on hot water furnaces for 20 bungalows, Asheville, N. C.

Gasoline.—See Cylinder Oils, etc.

Glass.—J. Hod Williams, D.D.S., Maddock Bldg., West Palm Beach, Fla.—Wants prices on new non-breakable or safety glass, correspond with manufacturers.

Glass (Plate).—Thos. Chas. Williams, 8 E. Lexington St., Baltimore, Md.—Wants plate glass, remodeling building.

Glass (Plate, Factory Rib and Wire).—Keystone Building & Sales Co., 2020 First Ave., Birmingham, Ala.—Wants data, prices and literature on plate glass, factory rib and wire glass from jobbers and manufacturers for office reference.

Grading.—Washington, D. C. See Construction News—Roads, Streets, Paving.

Gravel.—State of Louisiana. See Construction News—Roads, Streets, Paving.

Grinding Machine.—Lon A. Bernard, 1703 Sawyer St., Houston, Tex.—Wants small machine to grind into fine powder gilsonite, a by-product of petroleum; correspond with dealers.

Grinding Wheels.—City Hall Garage, 106 Barr St., Lexington, Ky.—Wants prices on grinding wheels.

Gutta Percha.—J. Hod Williams, D. D. S., Maddock Bldg., West Palm Beach, Fla.—Wants to correspond with manufacturers of raw gutta percha; wish to manufacture this material with other substances into sheets for vulcanization.

Gymnasium Apparatus.—City Commrs., Frank H. Owens, Chrmn., Jacksonville, Fla.—Receives bids Aug. 4 to furnish and install complete in Police Station, gymnasium apparatus; M. W. Bishop, Sec., Room 13, City Hall.

Heating Plant.—D. H. Perry, Wingate, N. C.—Receiving bids for installation of heating plant complete for Baptist Church at Wingate.

Hoists.—Hackley Morrison Co. (Mech. Dealer), 1708 Lewis St., Richmond, Va.—Wants one 7x10 DC, DD friction hoist and one 8x10 DC, DD friction hoist, with or without boiler.

Hoists.—See Contractor's Supplies and Equipment.

Hospital Furnishings, etc.—Dr. Dave Walley, State Charity Hospital, Jackson, Miss.—Wants prices on equipment, etc., for \$19,000 nurses' home.

Hotel Furnishings.—Sherman Hotel Co., William C. Witt, Pres., 18th floor, Republic Bank Bldg., Dallas, Tex.—Wants data and prices on complete furnishings for \$230,000 108-room Hotel Grayson.

Ice Machinery.—Hackley Morrison Co. (Mech. Dealer), 1708 Lewis St., Richmond, Va.—Wants one 5-ton ice machine for 2½-ton ice making, with high or low slide, raw-water equipment; 200-lb. ice cans and tank; York or Brunswick preferred.

Incandescent Lamps.—City Commission of Jacksonville, Fla., Frank H. Owen, Chmn.—Receives bids August 11 for incandescent lamps for Electric Light Dept.

Incinerators.—Howard M. Reynolds, Archt., Orlando Bank & Trust Bldg., Orlando, Fla.—Wants prices on incinerators for 4-story Chamber of Commerce building.

Incinerators.—R. F. Snyder, 215 Mitchell Bldg., Jacksonville, Fla.—Wants prices on incinerators for \$35,000 residence.

Incinerators.—Keystone Building & Sales Co., 2020 First Ave., Birmingham, Ala.—Wants data, prices and trade literature on incinerators for residence and apartments from jobbers and manufacturers for office reference.

Interior Trim.—H. C. Davis, Archt.-Bldr., Honaker, Va.—Wants prices on interior trim for \$10,000 school at Swords Creek.

Ironing Boards.—See Built-in Furniture.

Kitchen Supplies.—U. S. Veterans Bureau, Supply Division, Washington, D. C.—Receives bids Aug. 6 for kitchen supplies.

Lathe.—City Hall Garage, 106 Barr St., Lexington, Ky.—Wants prices on lathe.

Levee.—Third Mississippi River Dist., Box 404, Vicksburg, Miss.—Receives bids July 31 for 600,000 cu. yds. levee work in Panther Forest, Ark.

Limestone.—Keystone Building & Sales Co., 2020 First Ave., Birmingham, Ala.—Wants data, prices and literature on limestone from jobbers and manufacturers for office reference.

Limestone.—R. L. Brown, Sec., Mississippi Building Commission, Cleveland, Miss.—Wants prices on limestone for \$100,000 dormitory, Delta Teachers' College.

Limestone.—R. F. Mitchell, 215 Mitchell Bldg., Jacksonville, Fla.—Wants prices on limestone for \$35,000 residence.

Limestone.—Howard M. Reynolds, Archt., Orlando Bank & Trust Bldg., Orlando, Fla.—Wants prices on limestone for 4-story Chamber of Commerce building.

Limestone.—J. W. Northrop, Jr., 302 West Bldg., Houston, Tex.—Wants prices on limestone.

Limestone.—Stone Bros., Russellville, Ala.—Wants prices on limestone for \$28,000 office and sales room building, Sheffield, Ala.

Lumber.—Keystone Building & Sales Co., 2020 First Ave., Birmingham, Ala.—Wants prices on yellow pine lumber, car loads direct from mill.

Lumber.—Levy County Commrs., W. R. Hodges, Chmn., Bronson, Fla.—Receives bids Aug. 3 to furnish 150,918 ft. F. B. M. lumber for bridges, various lengths and dimensions; delivered Otter Creek and Guntown, Fla.; L. W. Drummond, County Clk.

Lumber.—Thos. Chas. Williams, 8 E. Lexington St., Baltimore, Md.—Wants heavy lumber for construction of cast stone.

Lumber (Creosoted).—L. Trevette Lockwood, Town Mgr., Palm Beach, Fla.—Receives bids August 3 to furnish approximately 300,000 B.M. creosoted lumber and 250 pcs. creosoted piles.

Mail Boxes.—Keystone Building & Sales Co., 2020 First Ave., Birmingham, Ala.—Wants data, prices and trade literature on mail boxes for apartment houses from jobbers and manufacturers for office reference.

Marble.—Phoenix Realty Co., 17th St. and Second Ave., Birmingham, Ala.—Wants prices on marble for loft building.

Marble.—Keystone Building & Sales Co., 2020 First Ave., Birmingham, Ala.—Wants data, prices and literature on marble from jobbers and manufacturers for office reference.

Marble.—Howard M. Reynolds, Archt., Orlando Bank & Trust Bldg., Orlando, Fla.—Wants prices on marble for 4-story Chamber of Commerce building.

Metal Ceilings.—E. H. Sudduth Co., Bluefield, W. Va.—Wants prices on metal ceilings for 2-story stores and garage building, Welch.

Metal Doors.—C. A. Taylor, Contr., 227 N. W. 22d Court, Miami, Fla.—Wants prices on metal doors for \$75,000 theater building.

Metal Doors.—E. G. Holladay Co., 401 Martin Bldg., Birmingham, Ala.—Wants prices on metal doors for office and showroom building.

Metal Doors, Sash and Trim.—Howard M. Reynolds, Archt., Orlando Bank & Trust Bldg., Orlando, Fla.—Wants prices on metal doors, steel sash and trim for 4-story Chamber of Commerce building.

Metal Lath.—E. V. Kaplan, 7929 Riverview Ave., Swissvale, Pa.—Wants prices on expanded metal lath for 20 bungalows, Asheville, N. C.

Metal-Working Machinery.—The Roofing & Supply Co., 1210 Carter St., Chattanooga, Tenn.—Wants prices on foot squaring shears for terne plate and light sheets; cross lock seamer for putting together terne and galvanized valley and gapping; machine for single and double locking terne valley and galvanized valley; small tinners' tools.

Meters.—L. F. Harza, 939 Monadnock Bldg., Chicago, Ill.—Wants prices on flow meters for water works system at Okmulgee, Okla.

Miscellaneous Supplies.—Panama Canal, A. L. Flint, General Purchasing Officer, Washington, D. C.—Receives bids August 2 to furnish steel, soil pipe, stair treads, metal cabinets, license tags, electric heaters, motor, switches, terminal tubes, buzzers, marine fixtures, magnet wires, wrenches, firebrick, grindstone, etc. Blank forms and information (Circular 2416), on application to offices of Panama Canal; Asst. Purchasing Agents at Fort Mason, San Francisco, Cal.

Miscellaneous Supplies.—Panama Canal, A. L. Flint, Gen. Purchasing Officer, Washington, D. C.—Receives bids Aug. 10 to furnish steel, iron, cable, wire, chain, boiler tubes, pipe, trucks, gasoline motor, electric sockets, fuses, iron wheels, anchors, hydrants, spray pumps, ladders, crucibles, fire extinguishers, drilling machines, braces, springs, powdered graphite, glue, oils, paints, putty, brooms, manila tags, etc. Blank forms and information (Circular 1747) on application to offices of Panama Canal; Asst. Purchasing Agents at 24 State St., New York; 611 Gravier St., New Orleans, La.; Fort Mason, San Francisco.

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

co., Cal.: also from U. S. Engineer offices throughout country.

Motors.—See Sewers.

Motors.—Culp Elevator Mills, Jesse J. Culp, W. Pine St., Warrensburg, Mo.—Wants 8 motors.

Nozzles.—L. F. Harza, 919 Monadnock Bldg., Chicago, Ill.—Wants prices on nozzles for water works system at Okmulgee, Okla.

Office and Sales Room Furnishings, etc.—Stone Bros., Russellville, Ala.—Wants prices on equipment for \$26,000 office and sales room building, Sheffield, Ala.

Oil Fuel Systems.—E. V. Kaplan, 7929 Riverview Ave., Swissvale, Pa.—Wants prices on oil fuel systems for 20 bungalows, Asheville, N. C.

Painting.—Board of Awards, F. A. Dolfield, City Register, Baltimore, Md.—Receives bids Aug. 4 for interior and exterior painting at school No. 450-A, Pennsylvania Ave. and Dolphin St.; C. H. Osborne, Chief, Bureau of Buildings.

Paper Macerator.—Lon A. Bernard, 1703 Sawyer St., Houston, Tex.—Wants machines to convert paper into fine pulp; correspond with dealers.

Paving.—Havana, Fla. See Construction News—Roads, Streets, Paving.

Paving.—Lexington, N. C. See Construction News—Roads, Streets, Paving.

Paving.—Sparta, Tenn. See Construction News—Roads, Streets, Paving.

Paving.—Wichita Falls, Tex. See Construction News—Roads, Streets, Paving.

Paving.—Durham, N. C. See Construction News—Roads, Streets, Paving.

Paving.—Jefferson City, Mo. See Construction News—Roads, Streets, Paving.

Paving.—Carthage, Mo. See Construction News—Roads, Streets, Paving.

Paving.—Dallas, Tex. See Construction News—Roads, Streets, Paving.

Paving.—Frankfort, Ky. See Construction News—Roads, Streets, Paving.

Paving.—Palm Beach, Fla.—See Construction News—Roads, Streets, Paving.

Paving.—Miami, Fla. See Construction News—Roads, Streets, Paving.

Picks, Shovels, etc.—See Contractors' Supplies and Equipment.

Pipe Fittings.—L. F. Harza, 919 Monadnock Bldg., Chicago, Ill.—Wants prices on pipe fittings for water works system at Okmulgee, Okla.

Pipe Machine.—Hackley Morrison Co. (Mchy. Dealer), 1708 Lewis St., Richmond, Va.—Wants one pipe machine to take up to 4-in. pipe.

Piping.—See Power House Extensions.

Planer.—Hackley Morrison Co. (Mchy. Dealer), 1708 Lewis St., Richmond, Va.—Wants one planer, preferably Gray, 36 to 48 in.

Plaster and Wall Board.—Keystone Building & Sales Co., 2020 First Ave., Birmingham, Ala.—Wants data, prices and literature on patent plaster and wall board from jobbers and manufacturers for office reference.

Plaster Board.—E. V. Kaplan, 7929 Riverview Ave., Swissvale, Pa.—Wants prices on plaster board for 20 bungalows, Asheville, N. C.

Plows.—Kentucky Farms, Inc., Route 1, Butler, Ky.—Wants prices on plows.

Portland Cement.—Keystone Building & Sales Co., 2020 First Ave., Birmingham, Ala.—Wants data, prices and literature on white Portland cement from jobbers and manufacturers for office reference.

Power House Extensions.—College of Industrial Arts, Denton, Tex.—Receives bids August 2 for power house extensions, boilers, concrete tunnels and tunnel piping and equipment.

Press.—Eagle Claw Auto Boot Co., J. L. D. Blevans, 736 S. Beckley St., Dallas, Tex.—Wants prices on 15-ton power press.

Pulverizers and Crushers.—L. J. Breed Equipment Co., 811 James Bldg., Chattanooga, Tenn.—Wants pulverizers and crushers for plant to handle 100 tons daily of 100 mesh lime dust; to correspond with manufacturers.

Pump (Water).—H. K. Burford, Propr., Canal Point Ice & Cold Storage Co., Canal Point, Fla.—Wants prices on pumps for handling water, capacity from 100 to 200 gal. per min., new or second-hand; good condition.

Pumps.—See Contractors' Supplies and Equipment.

Pumps.—See Sewers.

Pumps.—Wells Chapel Gin Co., E. W. Whipple, Gen. Mgr., Jefferson, Tex.—Wants prices on oil pumps for lubrication of 11x16-in. steam engine.

Pumps (Underwriters').—Equitable Equipment Co., Inc., Neville Levy, Vice-Pres., New Orleans, La.—Wants two 500-gal., two 750-gal. and one 1000-gal. underwriters' pumps.

Quarry Equipment.—See Cement Plant Machinery.

Rip Saw.—Hackley-Morrison Co. (Mchy. Dealer), 1708 Lewis St., Richmond, Va.—Wants one rip saw.

Road.—State of Louisiana will build 4 roads. See Construction News—Roads, Streets, Paving.

Road.—Macon, Miss. See Construction News—Roads, Streets, Paving.

Road.—Bakersville, Ga., will build 5 roads. See Construction News—Roads, Streets, Paving.

Road.—State of Maryland will build 3 roads. See Construction News—Roads, Streets, Paving.

Road.—Morgantown, W. Va. See Construction News—Roads, Streets, Paving.

Road.—State of Missouri will build 50 roads. See Construction News—Roads, Streets, Paving.

Road.—Houston, Tex., will grade 2 roads. See Construction News—Roads, Streets, Paving.

Road.—Georgetown, Tex. See Construction News—Roads, Streets, Paving.

Road.—Morgantown, W. Va.—See Construction News—Roads, Streets, Paving.

Road Machinery.—Pass Christian Chicago Land Co., A. M. Shaw, Ch. Engr., Hibernia Bldg., New Orleans, La.—Wants prices on road machinery.

Rolling Partitions.—D. C. Smithy, Paris, Mo.—Wants prices on rolling partitions for church.

Rolling Partitions.—Howard M. Reynolds, Archt., Orlando Bank & Trust Bldg., Orlando, Fla.—Wants prices on rolling partitions for 4-story Chamber of Commerce building.

Rolling Partitions.—Rev. Geo. Trapp, 712 E. Livingston Ave., Orlando, Fla.—Wants prices on rolling partitions for \$76,000 church.

Roofing (Composition).—Stone Bros., Russellville, Ala.—Wants prices on composition roofing for \$26,000 office and sales room building, Sheffield, Ala.

Roofing.—R. L. Brown, Sec., Mississippi Building Commission, Cleveland, Miss.—Wants prices on composition and tile roofing for \$100,000 dormitory, Delta Teachers' College.

Roofing.—E. V. Kaplan, 7929 Riverview Ave., Swissvale, Pa.—Wants prices on tile and composition roofing for 20 bungalows, Asheville, N. C.

Roofing (Composition).—E. H. Sudduth Co., Bluefield, W. Va.—Wants prices on composition roofing for 2-story stores and garage, Welch.

Roofing (Composition).—E. J. Wolpert, Archt., Jonesboro, Ark.—Wants prices on composition roofing for \$10,000 school auditorium and gymnasium at Monette.

Roofing Tile.—C. C. Hartman, Archt., Jefferson Standard Bldg., Greensboro, N. C.—Wants prices on roofing tile for \$100,000 Richardson Memorial Hospital for Negroes.

Roofing Tile.—J. W. Northrop, Jr., 302 West Bldg., Houston, Tex.—Wants prices on roofing tile.

Roofing Tile.—Howard M. Reynolds, Archt., Orlando Bank & Trust Bldg., Orlando, Fla.—Wants prices on roofing tile for 4-story Chamber of Commerce building.

Roofing Tile.—R. F. Snyder, 215 Mitchell Bldg., Jacksonville, Fla.—Wants prices on roofing tile for \$35,000 residence.

Sand Gravel Pumps.—J. L. Kelley Construction Co., 11 Wayne Bldg., Miami, Fla.—Wants 4-in. direct connected gas motor driven sand gravel pumps, new or second-hand.

School Equipment.—Board of Awards, F. A. Dolfield, City Register, Baltimore, Md.—Receives bids Aug. 11 to furnish special class equipment for Dept. of Education; John H. Roche, Sec. Board of School Commissioners.

Scrapper.—See Contractors' Supplies and Equipment.

Seamer.—See Metal-Working Machinery.

Sewer Machinery.—Pass Christian Chicago Land Co., A. M. Shaw, Ch. Engr., Hibernia Bldg., New Orleans, La.—Wants prices on sewer machinery.

Sewage Disposal Plant.—Board of Commissioners, Edgar Read, City Clerk, Charlotte, N. C.—Receives bids Aug. 3 for additional unit of four sludge digestion tanks at present Sugar Creek Disposal Plant.

Sewage Pumping Stations.—City Council of Charleston, Mo., L. T. Berthe, Engr.—Receives bids August 12 for construction of four sewage pumping stations, one 750 GPM and three 250 GPM, each against total head of 30-in.

Sewers.—City, L. W. Ruffin, Mayor, Ellisville, Miss.—Receives bids Aug. 20 for sanitary sewer project, 14,055 ft. 6-in., 5042 ft. 8-in., 4450 ft. 10-in. and 5525 ft. 15-in. pipe, 49 manholes and 9 flush tanks.

Sewers.—R. Keith Compton, Director of Public Works, Richmond, Va.—Receives bids Aug. 2 for construction of sanitary lateral sewers on 15th, Main and Cary Sts.

Sewers.—Board of Awards, Baltimore, Md.—Receives bids Aug. 4 for sewers in Dists. 33, 49 and H-6, including 700 ft. 33-in. brick and concrete drain, 1375 ft. 48-in., 640 ft. 42-in., 530 ft. 36-in., 264 ft. 30-in., 144 ft. 24-in. reinforced concrete drain, 200 ft. 18 and 24-in. and 455 ft. 15-in. vitrified pipe drain, 1950 ft. 8 and 10-in. vitrified pipe sewer, 3000 ft. 6-in. underdrain and 240 vertical ft. standard manhole.

Sewers.—McComb, Miss., Lee W. King, City Engr.—Receives bids Aug. 17 for sewer extensions, including Imhoff tank, sprinkling filters, two 1000-g. p. m. pumps with motors and dosing chamber.

Sewers.—M. Peshek, Jr., City Clk., Oklahoma City, Okla.—Receives bids Aug. 5 for Northside Sanitary Main Sewer Extension (Div. C), including about 17,100 ft. 24 to 39-in. circular sewer, 590 ft. special trestle sections, manholes and culverts, and for Northside Sewage Disposal Works (Div. D), including 230 ft. 39-in. circular inlet sewer, 350 ft. circular outlet sewer, pipe connections, drains, sewage treatment works, comprising overflow and screen chambers, 2-story settling tanks, sludge drying beds, gate chamber, contact tank, office building, conduit, piping and outfall structure.

Sewers.—Board of Comrs., Huntington, W. Va., A. B. Maupin, City Engr.—Receives bids Aug. 2 for constructing trunk sewer, beginning at mouth of Four Pole Creek and along creek to 17 St., West; about 6300 ft.

Sewing Machines.—Bell Manufacturing Co., Inc., 146 Lakeview, San Antonio, Tex.—Wants prices on sewing machines for pants factory.

Shears.—See Metal-Working Machinery.

Skiver.—Eagle Claw Auto Boot Co., J. L. D. Blevans, 736 S. Beckley St., Dallas, Tex.—Wants prices on Fortuna skiver.

Sluice Gates.—L. F. Harza, 919 Monadnock Bldg., Chicago, Ill.—Wants prices on sluice gates for water works system at Okmulgee, Okla.

Sprinkler System.—C. A. Taylor, Contr., 227 N. W. 22d Court, Miami, Fla.—Wants prices on sprinkler system for \$75,000 theater building.

Stairway (Iron and Marble).—Thos. Chas. Williams, 8 E. Lexington St., Baltimore, Md.—Wants both iron and marble stairway, remodeling building.

Steel (Structural).—Thos. Chas. Williams, 8 E. Lexington St., Baltimore, Md.—Wants following structural steel, used; two 8-in. H columns 48-lbs. 22-ft.; two 15-in. I beams 38-lbs. 27-ft., if old beams are used will require two 12-in. I's 8 ft.; three 8-in. H columns 62-lbs. 9-ft.; two 15-in. Bethlehem girders 104-lbs. 44-ft., beams can be in three sections one 14-ft. 4-in., two 14-ft. 10-in.; two Bethlehem girders 112-lbs. 18-ft.; for remodeling building.

Steel.—R. L. Brown, Sec., Mississippi Building Commission, Cleveland, Miss.—Wants prices on steel for \$100,000 dormitory, Delta Teachers' College.

Steel Beams.—H. C. Davis, Archt.-Builder, Honaker, Va.—Wants prices on steel 8-in. I beams for \$10,000 school at Swords Creek.

Steel Piling.—L. Trevette Lockwood, Town Mgr., Palm Beach, Fla.—Receives bids August 3 to furnish approximately 300 tons arched web interlocking sheet steel piling.

Steel Sash.—Keystone Building & Sales Co., 2020 First Ave., Birmingham, Ala.—Wants data, prices and literature on steel sash from jobbers and manufacturers for office reference.

Steel Sash and Trim.—C. C. Hartman, Archt., Jefferson Standard Bldg., Greensboro, N. C.—Wants prices on steel sash and trim for \$100,000 Richardson Memorial Hospital for Negroes.

Steel Sash and Trim.—Stone Bros., Russellville, Ala.—Wants prices on steel sash

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

and trim for \$26,000 office and sales room building, Sheffield, Ala.

Steel Sash and Trim.—J. W. Northrop, Jr., 302 West Bldg., Houston, Tex.—Wants prices on steel sash and trim.

Steel Sash and Trim.—E. V. Kaplan, 7929 Riverview Ave., Swissvale, Pa.—Wants prices on steel sash and trim for 20 bungalows, Asheville, N. C.

Steel Sash and Trim.—E. H. Sudduth Co., Bluefield, W. Va.—Wants prices on steel sash and trim for 2-story stores and garage, Welch.

Steel Sash and Trim.—E. J. Wolpert, Architect, Jonesboro, Ark.—Wants prices on steel sash and trim for \$10,000 school auditorium and gymnasium at Monette.

Steel Medicine Cabinets.—See Built-in Furniture.

Stone-Working Machinery.—J. H. Marsteller Co., Inc., Memorial Bridge, Roanoke, Va.—Wants carbondum machine for marble and granite plant.

Street.—Baltimore, Md. See Construction News—Roads, Streets, Paving.

Street.—Richmond, Va. See Construction News—Roads, Streets, Paving.

Street.—Jourdanton, Tex. See Construction News—Roads, Streets, Paving.

Stripping Machine.—Eagle Claw Auto Boot Co., J. L. D. Bevans, 736 S. Beckley St., Dallas, Tex.—Wants prices on latest model stripping machine.

Terra Cotta (Ornamental).—Keystone Building & Sales Co., 2020 First Ave., Birmingham, Ala.—Wants data, prices and literature on ornamental terra cotta from jobbers and manufacturers for office reference.

Terra Cotta Trim.—Missouri Realty & Construction Co., 6117 Page St., St. Louis, Mo.—Wants prices on terra cotta trim for five \$15,000 dwellings.

Terra Cotta Trim.—J. W. Northrop, Jr., 302 West Bldg., Houston, Tex.—Wants prices on terra cotta trim.

Terra Cotta Trim.—R. L. Brown, Sec., Mississippi Building Commission, Cleveland, Miss.—Wants prices on terra cotta trim for \$100,000 dormitory, Delta Teachers' College.

Terra Cotta Trim.—C. C. Hartman, Archt., Jefferson Standard Bldg., Greensboro, N. C.—Wants prices on terra cotta trim for \$100,000 Richardson Memorial Hospital for Negroes.

Terra Cotta Trim.—Howard M. Reynolds, Archt., Orlando Bank & Trust Bldg., Orlando, Fla.—Wants prices on terra cotta trim for 4-story Chamber of Commerce building.

Tile.—J. W. Northrop, Jr., 302 West Bldg., Houston, Tex.—Wants prices on hollow tile.

Tile.—R. L. Brown, Sec., Mississippi Building Commission, Cleveland, Miss.—Wants prices on hollow, interior and roofing tile for ing tile for \$100,000 dormitory, Delta Teachers' College.

Tile.—C. C. Hartman, Archt., Jefferson Standard Bldg., Greensboro, N. C.—Wants prices on hollow, interior and roofing tile for \$100,000 Richardson Memorial Hospital for Negroes.

Tile.—E. V. Kaplan, 7929 Riverview Ave., Swissvale, Pa.—Wants prices on hollow, interior and roofing tile for 20 bungalows, Asheville, N. C.

Tile.—Howard M. Reynolds, Archt., Orlando Bank & Trust Bldg., Orlando, Fla.—Wants prices on hollow, flooring and roofing tile for 4-story Chamber of Commerce building.

Tile.—E. G. Holladay Co., 401 Martin Bldg., Birmingham, Ala.—Wants prices on hollow and interior tile for office and showroom building.

Tile.—C. A. Taylor, Contr., 227 N. W. 22d Court, Miami, Fla.—Wants prices on hollow and interior tile for \$75,000 theater building.

Timbers.—Hackley Morrison Co. (Mchy. Dealers), 1708 Lewis St., Richmond, Va.—Wants timbers for stiff-leg derrick, 50-ft. boom, 35-ft. mast.

Tinners' Tools.—The Roofing & Supply Co., 1210 Carter St., Chattanooga, Tenn.—Wants prices on small tinners' tools.

Tractor.—Kentucky Farms, Inc., Route 1, Butler, Ky.—Wants prices on crawler type tractor.

Transformers.—Hackley Morrison Co. (Mchy. Dealer), 1708 Lewis St., Richmond, Va.—Wants two 15-kw. 2200/200-volt transformers.

Transformers.—City Commission of Jacksonville, Fla., Frank H. Owen, Chmn.—Receives bids August 11 for power and distribution transformers, pole and subway type, with necessary oil, hangers, fuse boxes, etc.

Tunnels.—See Power House Extensions.

Trucks.—See Contactors' Supplies and Equipment.

Valves (Gate).—L. F. Harza, 919 Monadnock Bldg., Chicago, Ill.—Wants prices on 36-in. gate valves for water works system at Okmulgee, Okla.

Vaults.—E. G. Holladay Co., 401 Martin Bldg., Birmingham, Ala.—Wants prices on vaults for office and showroom building.

Vault Doors.—Stone Bros., Russellville, Ala.—Wants prices on vault doors for \$26,000 office and sales room building, Sheffield, Ala.

Vegetable Peeling Machine, etc.—Marine Corps, Quartermaster's Dept., Washington, D. C.—Receives bids Aug. 9 to furnish vegetable peeling machine and one combination meat chopper and coffee granulator; delivery Hampton Roads, Va. Sch. No. 62-1927.

Vegetable Steamer.—U. S. Veterans Bureau, Supply Division, Washington, D. C.—Receives bids August 3 for vegetable steamer for U. S. V. Hospital, Atlanta, Ga.

Ventilators.—C. A. Taylor, Contr., 227 N. W. 22d Court, Miami, Fla.—Wants prices on ventilators for \$75,000 theater building.

Ventilators.—J. W. Northrop, Jr., 302 West Bldg., Houston, Tex.—Wants prices on ventilators.

Ventilators.—R. L. Brown, Sec., Mississippi Building Commission, Cleveland, Miss.—Wants prices on ventilators for \$100,000 dormitory, Delta Teachers' College.

Ventilators.—Howard M. Reynolds, Archt., Orlando Bank & Trust Bldg., Orlando, Fla.—Wants prices on ventilators for 4-story Chamber of Commerce building.

Ventilators.—E. J. Wolpert, Archt., Jonesboro, Ark.—Wants prices on ventilators for \$10,000 school auditorium and gymnasium at Monette.

Water Tanks.—J. B. Snider, Jr., Mayor, Senatobia, Miss.—Wants one or two 500 or 1000-gal. capacity water tanks with sprinkler heads suitable to be mounted on 5-ton Liberty trucks.

Water Works.—Utility Comsn., Elizabeth City, N. C.—Receives bids Aug. 17 for water works improvements, including 2,000,000 gal. per day purification plant, pumping plant, 50,000-gal. steel wash water tank and supporting tower, 1,000,000-gal. clear water reservoir, concrete coagulating basin and secondary settling basin.

Welding Outfit.—City Hall Garage, 106 Barr St., Lexington, Ky.—Wants prices on welding outfit.

White Way.—Utility Comsn., Elizabeth City, N. C.—Receives bids Aug. 18 for white-way lighting system, including 6-panel switchboard, 3-circuit series street-lighting panel, transformers and white way standards.

Wire Glass.—Howard M. Reynolds, Archt., Orlando Bank & Trust Bldg., Orlando, Fla.—Wants prices on wire glass for 4-story Chamber of Commerce building.

Wire Glass.—E. G. Holladay Co., 401 Martin Bldg., Birmingham, Ala.—Wants prices on wire glass for office and showroom building.

Wire Glass.—C. A. Taylor, Contr., 227 N. W. 22d Court, Miami, Fla.—Wants prices on wire glass for \$75,000 theater building.

Woodworking Machinery.—U. S. Veterans Bureau, Supply Division, Washington, D. C.—Receives bids Aug. 3 for 30-in. woodworker with planer attachment.

Trade Literature

Two Chicago Pneumatic Circulars.

The Chicago Pneumatic Tool Company, 6 East 44th street, New York, has issued an illustrated circular concerning the Little Giant Grinder No. 33, which, it is stated, has come into use on many classes of production work where high speed and continuous service are necessary. A cross-section view of this tool enables the reader to see just how it is constructed. Another circular gives full information about the No. 25-B Little Giant Universal 3/4-inch electric drill, No. 252 Universal screwdriver and nut runner and the Universal electric tapper, all of which are made by the company.

Bethlehem Steel Ties.

The Bethlehem Steel Company, Inc., has published a new catalog describing the Bethlehem steel ties for railway tracks at industrial plants and in mines. This is a book of thirty-four pages, finely illustrated and containing in addition to the descriptive matter tabulated data referring to the ties.

S. Flory Hoist Bulletin.

The S. Flory Manufacturing Company of Bangor, Pa., has issued Bulletin SL, describing its line of electric, gasoline and steam-operated hoists, especially designed for operating slack-line excavator plants. Four sizes are built as standard for 1/4-yard, 1-yard, 1 1/2-yard and 2 or 2 1/2 yard plants. While this type of hoist has been built by the company for several years, the design now offered includes a number of new features which will be appreciated.

Three Hydraulic Hoist Bulletins.

Bulletin No. 91 of the Hydraulic Hoist Manufacturing Company, Inc., St. Paul, Minn., gives complete information, including tabulated data and pictures, concerning the five types of hoists which they manufacture, while Bulletin No. 90 covers their standard line of bodies and Bulletin No. 85 has the list prices on these bodies. The illustrations are fine and clear and the printing is of the first class. Full particulars regarding the company's products will be found in these bulletins.

M-R-C Thrust Bearings Book.

The Marlin-Rockwell Corporation, successor to the Gurney Ball Bearing Company, Jamestown, N. Y., have issued a catalogue covering M-R-C Thrust Bearings, that have just been added to their already large line of annular ball bearings and which are now being handled by all of the company's authorized distributors. This catalogue, which is of handy size, gives dimensions, load ratings and price lists. It is punched for quick filing. The company will furnish information about its other bearings on request.

Milburn Welding and Cutting Booklet.

A booklet lately published by the Alexander Milburn Company of Baltimore, Md., tells all about the Milburn welding and cutting apparatus, and the reading matter is accompanied by numerous pictures showing just how the products of the company appear. It includes the facts about the welding and cutting torches for all purposes and welding and cutting tips for them. There are regular outfits prepared for users, and full descriptions of them are also given. The company's regulators and gauges are also pictured and described, as well as manifolds, adaptors, generators, portable oxyacetylene plants, paint sprays, preheaters, lights, etc.

Several General Electric Publications.

"Arc Welding in G-E Factories" is the title of a finely made book issued by the General Electric Company, Schenectady, N. Y., and a picture in colors on the front-cover page shows an arc welder at work. It is remarked that the widening applications of this process resulted indirectly from the World War, for by this method repairs were made to machinery and serious delays were avoided. Moreover, the successful use of arc welding in this way is said to be leading to its adoption in manufacturing as a substitute for riveting. Another publication from this company is Bulletin GEA-388, relating to Type MT Control Equipment for motors. A third folder announces a new electric cargo winch, and a fourth the new GE soldering iron. All are illustrated.

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INDUSTRIAL NEWS OF INTEREST

Items of news about industrial, railroad or financial interests, building operations, construction work, municipal improvements, or the sale of machinery or the letting of contracts in the South or Southwest, are invited from our readers whether they are advertisers, or subscribers, or not. We invite information of this character from readers in the North and West about their Southern business operations, as well as from Southern readers. News of value will be published just as readily when from non-advertisers as from advertisers.

"Armco" Awards a Safety Trophy.

"Reduction of the accident severity rate was one of the effects of our safety campaign," said Charles R. Hook, vice-president and general manager of the American Rolling Mill Company, Middletown, Ohio, in presenting a \$5000 trophy to the Ashland (Ky.) blooming and bar-mill department of "Armco" at Middletown on July 10. "The severity rate, or the number of days lost per 1000 man-hours of exposure, was reduced at the Middletown works from 3.32 in 1924 to .75 in 1925," he also remarked. The trophy is a bronze statue of a "composite" steel worker by Clement J. Barnhorn, a noted Cincinnati sculptor. It is an interpretation of a number of photographs of mill employes combined into a representative figure. It was awarded to the Ashland group because they made the best safety record for the year 1925. It will be awarded again every year to the one of the 18 company groups which makes the best record. The figure stands three feet high and is on a base five feet high. Another safety record, established by the Zanesville (Ohio) works of the company, was also mentioned by Mr. Hook.

Triumph Electric Corporation.

The Triumph Electric Corporation has been organized to take over the good will, designs, records, patent rights and inventions of the Triumph Electric Company of Cincinnati, Ohio. So far as practical the new corporation, it is stated, will retain the old personnel and it will specialize on its TR self-starting, automatic heavy-duty motor, but it will also be in position to supply its other lines of electrical and refrigerating products.

Service Station for Climax Engines.

The Climax Engineering Company of Clinton, Iowa, has appointed H. J. McClenahan & Co., 615 Water street, Baltimore, Md., as an official parts and service station for Climax engines.

Steel Frame Dwelling Houses.

As a result of the recent meeting of the joint committee composed of members of the American Society of Civil Engineers and of the American Institute of Steel Construction, Inc., the specification prepared by the institute for structural steel acceptable to both professional men and manufacturers was endorsed and the work of the institute was approved. The joint committee also recommended consideration at a future date of a specification based on the majority report of the American Society of Civil Engineers unit stress committee. The executive offices of the institute are at 285 Madison avenue, New York city. Charles F. Abbott is executive director. A very interesting bulletin has been issued concerning the use of structural steel in the construction of residences. It is predicted that its use will reduce the cost of building homes. A brick dwelling with steel frame is illustrated.

Roberts and Schaefer Expand Activities.

Roberts and Schaefer Company, Wrigley Building, Chicago, on July 15 took over the manufacture and sale of rotary car-dumpers, car-feeders, car-controls and all other equipment previously manufactured and sold by the Car-Dumper and Equipment Company of Chicago. The company will assume uncompleted contracts and complete them in accordance with the original plans and specifications. The manufacture and sale of all equipment formerly sold by the Car-Dumper and Equipment Company will be handled in a department headed by George N. Simpson, president of that company. All patents, drawings, patterns, etc., have been taken over so that Roberts & Schaefer will be prepared to furnish repair parts for any equipment previously sold by the company. It is planned to carry on the business on an even larger scale than heretofore.

Two Murray Engineering Contracts.

Thomas E. Murray, Inc., engineers, 55 Duane street, New York, have been engaged by the Pressed Steel Car Company of McKees Rocks, Pa., to handle the engineering work in connection with powdered fuel equipment; also a 3000-KW turbo generator and auxiliary equipment. The New York Quinine and Chemical Corporation of Brooklyn, N. Y., have engaged the same firm of engineers to draw plans and specifications for an addition to their existing power plant.

Charles A. Coffin.

Charles A. Coffin, who founded the General Electric Company of Schenectady, N. Y., and was for 30 years at its head as president and chairman of the board of directors, died July 14 at his home, Locust Valley, Long Island, N. Y. Up to within two weeks of his death he had been regularly at his office in New York city. Prior to the formation of the General Electric Company Mr. Coffin was prominent in the Thomson-Houston Electric Company, although he had begun his business life as a manufacturer of shoes at Lynn, Mass. He was born in Somerset county, Maine, in December, 1844. It was in 1883 that he became interested with Silas A. Barton, a printer and stationer in Lynn, and others in purchasing the American Electric Company of New Britain, Conn., of which Prof. Elihu Thomson was head, associated with him being Edwin Wilbur Rice, Jr. The Lynn Syndicate, as it was known, bought the small company, the yearly net profits of which were then less than \$20,000, and removed it to Lynn, the name being changed to Thomson-Houston Electric Company in honor of Professor Thomson and Prof. Edwin J. Houston, his early associate. This continued until 1892, when the company and the Edison General Electric Company of New York were merged as the General Electric Company and Mr. Coffin was at once elected president. He retired from that office in 1913, but became chairman of the board. In 1922 he retired. The Charles A. Coffin Foundation, established four years ago by the company, is a memorial to him. It was then he said that we were just at the beginning of the electric age of civilization.

Remodeling Three Theaters in Baltimore.

Discussing details for the reconstruction of the Century, Parkway and Century Roof theaters in Baltimore, John Ebersson of Chicago, who has been engaged as architect for the work by Loew's, Inc., New York, advises the MANUFACTURERS RECORD that the Century Theater will be revamped both with reference to additional entrance and exit facilities, as well as to modeled and painted decorations. The vestibule, grand lobby and staircase will be remodeled and the auditorium lobby redecorated. A new organ and organ grille will be installed and the treatment of the proscenium arch changed, while a new lighting system and fixtures will be provided. The orchestra floor will have an electric lift, as well as an independent turntable lift for the organ console. All mezzanine and adjoining retiring rooms will be remodeled, redecorated, recarpeted and refurnished, and all stage equipment will be replaced. A ventilating system will be installed, together with a 250-ton refrigerating unit.

General contract for the work will be handled by the Loew construction department through Baltimore sub-contractors. Other contracts have been awarded as follows: Ornamental plaster, Architectural Decorating Company; decorating, Michaelangelo Studios and Gustave A. Brand & Co.; lighting fixtures, Victor S. Pearlman & Co., all of Chicago; scenery and stage setting, Volland Scenic Studios, St. Louis, and, elec-

tric wiring, Edwards Electric Construction Company, New York.

The Parkway Theater will be redecorated and new seats and carpet installed, as well as a new organ. The organ chamber will be designed and work in connection with it will be handled by Baltimore contractors.

The Century Roof will be remodeled and a modern Spanish atmospheric one-floor cinema will be built on the dance floor, plans for this open-air theater to include remodeling the first floor entrance lobby and elevators and the creation of new retiring rooms. New lighting and scenic effects and a pitched floor will also be installed. Construction work will include carpentry, ornamental plaster, statuary, electric lighting fixtures and wiring, decorating, carpets, draperies, opera chairs, plumbing, rubber tile flooring, stage settings and electric signs. L. Fleischman, general manager of the Loew construction department, is in charge of all work, while Raymond Mork is the local representative of the architect.

The mill of the Buena Vista Silk Company at Buena Vista, Va., equipped with 5000 spindles for silk throwing, has been leased by the Silk Manufacturers Corporation, 288 Fourth avenue, New York.

1,000,000 Bushel Grain Elevator Completed in Kansas City.

By O. H. HORNER of Horner & Wyatt, Industrial Architects and Consulting Engineers, Kansas City, Mo.

The new grain elevator recently completed by the Chicago and Alton Railroad is located in what is known as the East Bottoms Industrial District of Kansas City, at the foot of Hardesty avenue, on the tracks of the Chicago and Alton Railroad. The elevator consists of a working house 42 by 63 by 189 feet high, and a battery of circular grain storage bins 18 feet in diameter and 102 feet high. The working



NEW ELEVATOR JUST COMPLETED AND LEASED TO CO-OPERATIVE WHEAT GROWERS.

house has 31 rectangular bins, with a total storage capacity of 108,000 bushels. Practically all of the mixing, cleaning and handling machinery is located in the working house. There are four grain elevator legs, each of which is capable of elevating bulk grain at a rate of 10,000 to 12,000 bushels per hour. The grain is weighed in and out through three 2000-bushel grain-hopper scales. The elevator is served by three railroad switch tracks. The two tracks adjacent to the elevator are designated receiving tracks, although grain may also be loaded out on them. Each receiving track has two receiving sinks, making four sinks in all, each of which will hold a carload of grain. The grain is conveyed to the elevator legs described above on 36-inch belt conveyors. Eight cars of grain an hour can be received into the elevator, and at the same time an equal amount can be loaded out on track No. 3, which is a loading out track.

The battery of storage tanks consists of three rows of tanks, 12 tanks long. Between the rows of circular tanks there are 22 interstice bins, making a total of 58 storage bins outside the working house. The capacity of the storage tanks is 930,000 bushels, making the total capacity of the elevator 1,038,000 bushels.

Some of the important contracts and items of equipment are as follows:

The general contractor was the Lehrack Contracting and Engineering Company, Kansas City, Mo. Transmission machinery was furnished by the Webster Manufacturing Company, Chicago, Ill. Metal work was furnished by the Standard Steel Works, North Kansas City, Mo. Electric motors by Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Grain-cleaning machinery by the Huntley Manufacturing Company, Silver Creek, N. Y.; by the Wolf Company, Chambersburg, Pa., and by the Carter-Mayhew Company, Minneapolis, Minn. Rubber belting was furnished by the New York Belting and Packing Company, New York; scales by the Fairbanks Scale Company of Rutland, Vt. Chain drives were furnished by the Link-Belt Company,

Philadelphia, Pa. Sump pump, plumbing, etc., by the Minor D. Woodling Heating and Ventilating Company, Kansas City, Mo. The elevator was designed by Horner & Wyatt, engineers, Kansas City, Mo., and the construction work was supervised jointly by them and R. A. Cook, chief engineer of the Chicago and Alton Railroad.

The elevator has been leased to the Kansas Co-operative Wheat Growers and the Southwest Wheat Growers, Inc., of which W. W. Young is sales manager. The elevator is completed and is now in operation.

For Big English Cotton Combine.

Manchester, England, July 16—[Special.]—Full details are now available in regard to a proposed Combine Company of Lancashire spinners of all yarns made from American cotton. The scheme has the backing of over 31 prominent cotton-mill directors, who represent a capital of £55,000,000, including Harry Dixon, chairman of the Dixon group of mills; Cecil Hilton, M. P.; J. A. Barber-Lomax, S. F. Mellor, A. E. Harrison, J. S. Hummersley and Jesse Thorpe, ex-president of the Manchester Cotton Association.

The primary object of the combine is to establish minimum prices for American yarns, and it is suggested that shares should be taken up at 20 shillings per 100 spindles.

The articles of association would provide for the appointment of a strong board of about 20 directors to fix, from time to time, minimum prices for standard counts of yarn, which will show a reasonable profit to a cotton mill based on £2 10s 0d per mule spindle and £4 per ring spindle. Experts would be engaged in grading yarns by number and without knowledge of the makers' name. The board would decide whether the prices should be published daily, bi-weekly or weekly.

An important point in the proposed articles of association is to raise by borrowing or by levy a fund to pay the annual charges of the company and in addition a reserve or fighting fund for the purpose of preventing unfair competition from spinners outside the company, and to enter the market and buy up all surplus yarns, if thought expedient. It is also proposed to use other lawful means and methods of meeting the competition of non-members. All members of the combine would agree to use a common contract and not to sell below the minimum prices placed on their yarns. Duplicate contracts would be forwarded to the board, but would be kept secret. The penalty for any member transgressing the provisions of the combine would be the forfeiture of his shares and the publication of his name as having been expelled for unfaithfulness.

The Federation of Master Cotton Spinners' Association officially state that there is no reason why the American spinning trade should not make an effort to organize a yarn-selling association, and that such a proposal offers possibilities of advantage to the trade.

Cotton Classer for Texas County.

Lufkin, Texas.—A cotton classer, whose salary has been guaranteed by the Lufkin Chamber of Commerce, has been secured for the farmers of Angelina county during the cotton marketing season. Heretofore long-staple cotton has not received any better price than the short staple on the local market, it is said. With a competent cotton classer, it is thought the better grades will sell from one and one-half to three cents a pound higher.

Suburban improvement bonds in the amount of \$225,000 have been sold by the city of Chattanooga, Tenn., to Caldwell & Co., Nashville, and the Harris Trust and Savings Bank of Chicago.


PORTLAND-SEATTLE AUTO FREIGHT CO.

 SEATTLE AUTO FREIGHT DEPOT
RAILROAD AND DEARBORN
SEATTLE, WASH.

225 miles daily, carrying 12 tons

January 7th, 1926.

P. E. Myers, Branch Manager,
c/o Kelly-Springfield Tire Company,
Seattle, Washington.

Dear Mr. Myers:

We are today sending you photograph of one of our Mack buses equipped with 34 x 7 Heavy Duty Kelly's.

We operate a fast motor freight line between Seattle, Washington and Portland, Oregon and this particular truck covers two hundred twenty-five miles daily on a run which is practically non-stop except for midnight supper for the crew and one stop for gas, and carries each way a maximum legal load of twenty-four thousand pounds.

None of these Kelly Tires have ever been off the rim for any reason, and to date, they have run approximately sixteen thousand miles. We are pleased to take this occasion to call what we consider excellent service to your attention.

Yours truly,

PORTLAND-SEATTLE AUTO FREIGHT CO

By

M. F. McCowen

M. F. McCowen



KELLY HEAVY DUTY CORD

FINANCIAL NEWS

Bond Issues Proposed

Ala., Birmingham—Municipal Improvement—City Comm., J. M. Jones, Jr., Pres., Eunice S. Hewes, City Clk., receives bids August 10 for \$1,050,000 5% \$1000 denom. bonds; \$400,000, fire station; \$400,000, incinerator or garbage; \$250,000, central repair shop.*

Ala., Dothan—Sewer—City voted \$45,000 bonds. Address City Clk.

Ala., Gadsden—Paving—City receives bids Aug. 16 for \$44,000 bonds. Address City Clk.

Ala., Mobile—Reimbursement—City Comm. will call election August 30 on \$500,000 4½% bonds.

Ark., Marianna—Water Works—City, C. C. Mitchener, Mgr., contemplates \$120,000 bond issue; H. M. Jackson, Mayor.

Fla., Avon Park—Drainage—Board of Suprvs. Istokpoga Sub-Drainage District, E. J. Etheredge, Pres., receives bids at Brighton, Aug. 16 for \$1,000,000 6% \$1000 denom. bonds.

Fla., Avon Park—Municipal Improvement—City, Louise Browne, Clk., voted \$365,000 bonds for park, sewer, etc.

Fla., Fort Lauderdale—Bridge—City, Glenn E. Turner, Clk., voted \$300,000 bonds.

Fla., Fort Lauderdale—Improvement—City Comm., Glenn E. Turner, Auditor-Clk., receives bids Aug. 10 for \$1,840,000 bonds.*

Fla., Fort Lauderdale—School—Broward County Board of Public Instruction, Jas. S. Richards, Sec. and County Supt., receives bids Aug. 16 for \$200,000 6% bonds.*

Fla., Fort Lauderdale—Highway—Broward County Commrs., Frank A. Bryan, Clk., receives bids August 21 for \$700,000 of \$1,500,000 bonds.

Fla., Kissimmee—School—Ocala County Board of Public Instruction, Sam Brammar, Sec., receives bids August 9 for \$130,000 6% \$1000 denom. Special Tax School Dist. No. 1 bonds.

Fla., Lake Wales—City, V. A. Sims, Mayor, voted \$130,000 bonds for park, bathing beach and pavilion.*

Fla., Madison—Madison County Commrs., D. F. Burnett, Jr., Clk., receives bids Aug. 9 for \$750,000 5% bonds.

Fla., Miami—School—Dade County Board of Public Instruction, Chas. M. Fisher, Sec., rejected bids for \$635,000 6% \$1000 Special Tax School Dist. No. 5, and \$85,000 6% \$1000 denom. Special Tax School Dist. No. 13 bonds.*

Fla., Miami—Road—Bridge—Dade County Commrs. will call election August 31 on \$2,900,000 bonds.

Fla., Miami Beach—Boardwalk—City, Claude A. Renshaaw, Mgr., will call election Aug. 3 on \$475,000 bonds.

Fla., Ocala—Municipal Improvement—City, H. C. Sistrunk, Clk., receives bids Aug. 9 for \$350,000 6% \$1000 denom. bonds; \$145,000, paving; \$60,000, sewer extension; \$50,000, water-works extension; \$35,000, city hall; \$25,000, electric-light improvement; \$20,000, incinerator; \$15,000, street and park.

Fla. Orlando—School—Orange County Special Tax School Dist. No. 6 voted \$105,000 6% \$1000 denom. bonds.

Fla., Pensacola—School—Escambia County Board of Public Instruction, W. Tyler, Supt., receives bids Aug. 3 for \$40,000 Special Tax School Dist. No. 5 and \$10,000 Special Tax School Dist. No. 20 5% bonds.

Fla., Vernon—Washington County Commrs., J. A. Douglas, Sec., receives bids Aug. 2 for \$50,000 6% \$1000 denom. time warrants.

Fla., West Palm Beach—School—Palm Beach County Board of Public Instruction, Capt. A. S. Anderson, Chmn., will call election August 17 on \$800,000 School Dist. No. 1 bonds. Lately noted election July 27.

Fla., Winter Haven—School—Polk County Board of Public Instruction, A. B. Connor, Sec., Bartow, receives bids Aug. 10 for \$150,000 6% \$500 denom. Winter Haven Special Tax School Dist. No. 3 bonds.

Ga., Augusta—Municipal Improvement—City, J. W. Westmoreland, Clk., voted \$400,000 bonds; \$200,000, sewer; \$100,000, nurses' home; \$85,000, reservoir; \$15,000, contagious diseases hospital.*

Ga., McRae—Bridge—Telfair County Com-

mrs., H. S. Tucker, Clk., receives bids Aug. 2 for \$185,000 4½% bonds.

Ga., Rossville—Sewer—City, J. S. Alsobrook, Mayor, voted \$80,000 bonds.*

Ga., Waycross—Sewer—City, Abram Cook, Mgr., will call election soon on \$150,000 bonds.

Ky., Danville—Road—Boyle County votes Aug. 28 on \$100,000 bonds. Address County Commrs.

Ky., Elkton—Road—Todd County voted \$300,000 bonds. Address County Commrs.*

La., Mansfield—School—City voted \$45,000 bonds. Address Pres. Board of Trustees.

La., Minden—Road—Webster Parish Police Jury, J. H. Nelson, Pres., receives bids Aug. 10 for \$100,000 6% \$1000 denom. Sub Rd. Dist. No. 4 bonds.

La., Winnsboro—School—Franklin Parish School Board, John J. McDuff, Sec., receives bids August 2 for \$40,000 bonds.

Miss., Bay St. Louis—Seawall—Hancock County Board of Suprvs. will call election August 10 on \$1,250,000 bonds.

Miss., Canton—Road—Madison County voted \$38,000 bonds. Address Board of Suprvs.*

Miss., Canton—School—City, P. H. Virden, Clk., receives bids Aug. 3 for \$25,000 6%, \$500 denom. Canton Separate School Dist. bonds.

Miss., Jackson—State Bond Comm., Gov. Henry L. Whitefield, Chmn., receives bids August 9 for \$500,000 4½% \$1000 denom. bonds; Ben S. Lowry, Treas.

Miss., Jackson—School—Hinds County Board of Education, J. L. Harris, Supt., will call election Aug. 5 on \$150,000 bonds.

Miss., Natchez—School—City plans bond election. Address City Clerk.

Miss., Natchez—Water Works—City, A. L. Whittington, Mayor, voted \$40,000 bonds.

Mo., Columbia—City Hall, Community Auditorium—City votes soon on \$350,000 bonds. Address City Clk.

Mo., Independence—Municipal Improvement Indebtedness—Jackson County Court will call election Aug. 3 on bonds; \$3,000,000, purchase site and erect courthouse in Kansas City; \$350,000, courthouse in Independence; \$250,000, County Home for Aged and Infirm; \$500,000, jail building in Kansas City; Leslie J. Lyons, County Counselor.

Mo., Jefferson City—Municipal Improvement—City, C. B. Steers, Clk., will call election Aug. 10 on \$215,000 bonds; \$187,000, enlarge and extend sanitary and storm sewer system; \$16,500, additional fire equipment, etc.; \$5500, tunnel on McCarty St.; \$6000, bridge. Lately noted bond election July 15.

Mo., Jefferson City—Municipal Improvement—City, C. W. Thomas, Mayor, defeated \$277,000 bond issue.

Mo., West Plains—Sewer—City Commrs. receive bids Aug. 9 for \$100,000 1½% bonds; J. P. Harlin, Mayor; Russell & Axon, Engrs., Springfield.*

N. C., Lenoir—General Improvement—Town, J. T. Pritchett, Clk., receives bids Aug. 9 for \$75,000 5½% \$1000 denom. bonds.

N. C., Warrenton—Water Works—Town Commrs. will call election August 17 on \$70,000 bonds.

Okla., Pawnee—Road—Pawnee County, Maude C. Cunningham, Clk., receives bids Aug. 10 for \$400,000 4½% \$1000 denom. bonds.

S. C., Gaffney—Street—City, Boyce Whisonant, Clk., receives bids August 2 for \$100,000 bond issue.*

S. C., Sharon—Electric Lighting System—Town votes Aug. 9 on \$14,000 bonds. Address Town Clk.

Tenn., Jackson—Indebtedness—Madison County Commrs. will call election Aug. 5 on \$150,000 bonds.

Tex., Alamo—Paving—City votes soon on \$35,000 bonds. Address City Clk.*

Tex., Bowie—Auditorium—City voted \$75,000 bonds. Address The Mayor.

Tex., Carrizo Springs—Road—Dimmitt County, W. H. Davis, County Judge, voted \$560,000 bonds.*

Tex., Estelline—Water Works, Sewers—City, Curry Greene, Mayor, will call election

soon on \$75,000 bonds; Morrison & Hasie, Engrs., 1125 Athletic Bldg., Dallas.

Tex., Groom—Water Works—City votes soon on \$30,000 bonds; Morrison & Hasie, Engrs., 1125 Athletic Club Bldg., Dallas.

Tex., Hillsboro—School—City rejected bids for \$60,000 bonds; W. F. Doughty, Supt. of Schools.*

Tex., Leakey—Road—Real County votes July 31 on \$50,000 bonds. Address County Commrs.

Tex., Muleshoe—Water Works—City, A. P. McCarty, Mayor, receives bids July 30 for \$40,000 5½% \$1000 denom. bonds.*

Tex., Point Isabel—School—Point Isabel Independent School Dist. voted \$40,000 bonds. Address Pres. School Board.

Tex., Richmond—Sewer—City votes soon on \$50,000 bonds; Sanitary Engineering Co., Consult. and Supvg. Engrs., Houston.

Tex., Robstown—Drainage—City voted \$30,000 bonds. Address City Clk.

Tex., Rochester—Water Works—City voted \$38,000 bonds. Address City Clk.

Tex., Sebastian—School—Board of Education, J. H. Proffitt, Clk., will call election about August 1 on \$50,000 Sebastian School Dist. bonds.*

Tex., Three Rivers—City, Henderson Coquat, Mayor, plans about \$90,000 bond election \$40,000, street paving; \$50,000, water works.

Tex., Waco—Water Works—City Comm., E. E. McAdams, Mgr., may call election Sept. 14 on \$3,500,000 bonds to create Lake Bosque.

Tex., Wheeler—Water Works, Sewer—City votes soon on \$75,000 bonds; Morrison & Hasie, Engrs., 1125 Athletic Club Bldg., Dallas.

Bond Issues Sold

Ark., Little Rock—School—Board of Directors of Special School Dist. of Little Rock, D. R. Fones, Clk., sold \$1,200,000 4½% bonds to syndicate headed by American Southern Trust Co., and M. W. Elkins Co., both Little Rock, at 98.80 plus \$1200 certifying expense.*

Fla., Fort Meade—Municipal Improvement—City, E. L. Wade, Clk., sold \$180,000 6% bonds to Brown-Crummer Co., Wichita, Kan., and Hanchett Bond Co., Chicago, at 95 and accrued interest.*

Fla., Frostproof—Refunding—Town Hall—City sold \$50,000 6% bonds to J. C. Mayer & Co., Cincinnati, Ohio, at 90.

Fla., Hastings—Paving—Town, C. W. Maltby, Clk., sold \$180,000 6% Series A bonds to J. B. McCrary Co., Atlanta, at 95.*

Fla., Orlando—Municipal Improvement—City, L. M. Autrey, Mayor, sold \$230,000 5% bonds to Wright-Warlow Co., Orlando, at \$225,653.*

Fla., Orlando—Road—Orange County Commrs., L. L. Payne, Chmn., sold \$1,240,000 5% bonds to Barnett National Bank and Florida National Bank, Jacksonville; Provident Savings Bank & Trust Co., Title Guaranty Trust Co., Breed-Elliott and Harrison, Cincinnati; Brown-Crummer Co., Wichita, Kan., at \$1,204,911.*

Ky., Monticello—Road, Bridge—Wayne County Commrs. sold \$75,000 5% \$1000 denom. bonds to Caldwell & Co., Nashville, Tenn., at premium of \$2663.

La., Baton Rouge—School—East Baton Rouge Parish Board of Education, W. B. Hatcher, Supt., sold \$500,000 4½% School Dist. No. 1 bonds to Rapids Bank & Trust Co. of Alexandria at premium of \$8760.*

Miss., Hattiesburg—School—Forrest County Board of Suprvs. sold \$15,000 bonds to Citizens Bank, Hattiesburg.

Miss., Rome—School—City sold \$15,000 5½% bonds to First National Bank of Memphis, at premium of \$150.

Mo., Excelsior Springs—Municipal Improvement—City sold \$49,500 4% bonds to Otis Holmes, Excelsior Springs, at premium of \$450.

N. C., Windsor—Road—Bertie County Commrs., S. W. Kenney, Register of Deeds, sold \$300,000 \$1000 denom. coupon bonds to A. T. Bell & Co., and W. T. Slayton & Co., both Toledo, Ohio, at 101.82.*

Okla., Tipton—Sewer, City Hall—City sold

(Continued on page 106)

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

Number Three of a Series showing types of buildings securing First Mortgage Bond Issues underwritten by the First National Co. of St. Louis



BOARD OF TRADE BUILDING, KANSAS CITY, MO.

Mr. J. A. Bruening, Pres. of the Board of Trade Building Company, very graciously made the following remarks in a letter to the First National Company, St. Louis, Mo.

"At this time I want to express to you our appreciation of the help your Company has given us during the construction of our building Your advice and assistance has certainly made our work much easier and the criticism and suggestions made by your people have in all cases been good ones, and in a number of instances they have resulted in the elimination of many

unnecessary expenditures in the building Summing it up, we cannot say too much for the help given us and the pleasant relations we have had with your Company."

The First National Company is the Investment Division of the First National Bank in St. Louis. As such it possesses unusual facilities for making first mortgage loans on income bearing real estate, or upon worthy construction projects, located in established business centers. The services of this Institution are extended to those interested in first mortgage financing.

1st FIRST NATIONAL COMPANY

Investment Division of the First National Bank
BROADWAY, OLIVE AND LOCUST
ST. LOUIS, MO.

FINANCIAL NEWS

(Continued from page 104.)

\$60,000 6% coupon bonds to R. J. Edwards, Inc., Oklahoma City, at premium of \$2570.

Tenn., Nashville—Street and General Improvement—City, S. M. McKay, Clk., sold \$140,000 street bonds to Eldredge & Co., New York, at \$141,912; \$110,000 general improvement bonds to Illinois Merchants' Trust Co., at \$115,628.*

Tex., Marshall—Municipal Improvement—City, P. H. Herndon, Sec., sold \$150,000 5% bonds to First National Bank and Marshall National Bank, at par, accrued interest and slight premium.*

Tex., McAllen—School—City, G. C. Seawell, Clk., sold \$32,500 independent district school bonds to A. C. Allyn & Co., Chicago, Ill., at premium of \$3,875.

Va., Portsmouth—Road, Bridge—Norfolk County Board of Supvrs. sold \$250,000 4% bonds to R. H. Elliott & Harrison, Cincinnati, at \$253,675.*

West Virginia—State Sinking Fund Comm., Charleston, sold \$200,000 City of Morgantown bonds to C. W. McNear & Co., Chicago, Ill., at premium of \$7536; \$146,000 Huntington bonds to Old Colony Co., New York, at premium of \$4978; Mannington Dist. Marion County bonds to Stranahan, Harris & Oatis Co., Toledo, Ohio, at premium of \$9968; \$96,000 Princeton bonds to N. S. Hill & Co., Cincinnati, Ohio, at premium of \$3702.

Building and Loan Associations

Ala., Birmingham—Lincoln Home Building & Loan Association, capital \$1,000,000, incorporated; G. W. Finch, R. L. Wheaton, Jr.

Ky., Mt. Sterling—Mt. Sterling Building and Savings Assn. plans increasing capital, \$100,000 to \$300,000.

Md., Baltimore—Dependable Building and Loan Assn., 336 Equitable Bldg., capital \$250,000, incorporated; Loretta M. Tarbel.

S. C., Loris—Loris Building & Loan Assn., capital \$20,000, chartered; C. D. Prince, Pres.; L. H. Gore, Sec.-Treas.

Tex., Beaumont—Home Building and Loan Co. plans increasing capital, \$3,000,000 to \$5,000,000.

Tex., San Antonio—Thrift Building & Loan Assn., incorporated; A. D. Holder, 1723 Roosevelt St.

New Financial Corporations

Ala., Birmingham—Investment Foundation, Inc., Brown-Marx Bldg., capital \$122,500, organized; Tom Pankey, Pres.

Ala., Goodwater—First National Bank of Goodwater, capital \$30,000, chartered; W. R. Dean, Pres.; O. A. Calvin, Cashier.

Ky., Augusta—Farmers Bank of Augusta, capital \$60,000, chartered; G. T. Reynolds, B. F. Barkley.

Ky., Paducah—People's National Bank, capital \$100,000, chartered; Nolan Van Cull, Vice-Pres.

Mo., Kansas City—Guy Investment Co.,

incorporated; Sutton R. Layton, 941 New York Life Bldg.

Mo., Kansas City—Imperial Investment Co., capital \$50,000, incorporated; B. L. Hoffman, 223 E. Ninth St.

Mo., Springfield—Missouri Home Savings & Loan Assn., John W. Williams Bldg., Walnut and South Aves., capital \$1,000,000, incorporated; John C. McKee, Pres.

Mo., St. Louis—Sarah-Olive Bank, 4055 Olive St., capital \$100,000, organized; C. A. Lupton.

Tex., Fort Worth—Security Union Casualty Co., George R. Christie, Pres., plans increasing capital \$100,000 to \$200,000.

Tex., Galveston—South Texas National Bank, C. G. Sweet, Pres., increased capital \$500,000 to \$750,000.

Tex., San Antonio—Central Improvement and Investment Co., capital \$150,000, incorporated; B. R. Webb, 325 W. French Place.

Tex., Sonora—First Loan Co., capital \$25,000, chartered; W. L. Aldwell, E. F. Vander.

Virginian Joint Stock Land Bank, J. B. Madison, Pres.-Treas., Charleston, plans acquiring Shenandoah Valley Joint Stock Land Bank, H. B. Sproul, Pres., Staunton, Va.; merged concern will be known as Virginian Joint Stock Land Bank with \$20,000,000 assets.

Citizens Bank, E. Davis, Pres., Auburndale, Fla., merged with State Bank of Auburndale, John L. Fouts, Pres.

New Power Plant in Kentucky to Receive Coal From Mines by Means of Conveyor.

The steam power house now under construction at Nortonville, Ky., for the Kentucky Electric Power Corporation is designed for an ultimate capacity of 50,000 kilowatts, of which the first unit of 5000 kilowatts is being installed. The power house is located adjacent to the tipple of the Norton Coal Mining Company's mine, and coal is delivered to the bunkers of the power house by conveyors from the mine mouth plant of that company. It is of brick with steel frame, gypsum roof on the turbine room and concrete roof on the boiler room. The 5000-kilowatt unit is supplied with steam from an 800-horsepower boiler fired with powdered coal. The condenser circulating pump takes suction from a cooling pond, 150 by 200 feet, located across the Illinois Central Railroad tracks from the power house.

Principal items of equipment and materials thus far ordered are being supplied by the following concerns:

Turbo-generator, 5000 kilowatts, Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa.; surface condenser, 9000 square feet, with 10,000 gallons per minute circulating pump and other condenser auxiliaries, Westinghouse Electric and Manufacturing Company; boiler, 800 horsepower (Stirling), Babcock & Wilcox, New York city; superheater, Babcock & Wilcox; pulverized fuel system, Combustion Engineering Company, New York city; water-cooled sidewalls for boiler setting, Combustion Engineering Company; switchboard, transformers and other electrical equipment, Westinghouse Electric and Manufacturing Company; soot blowers (Diamond), Vincent Gilson Company, New York city; feed-water heater (Cochrane), F. E. Idell, New York city; induced draft fan, Green Fuel Economizer Company, New York city; boiler setting arch tile, M. H. Dietrick Company, New York city; boiler-feed pumps, A. G. Cameron Steam Pump Works, New York city; air washer and cooler, Spray Engineering Company, New York city; turbine-room crane, Alfred Box & Co., Inc., New York city; air ducts, breeching and stack, Littleford Bros., New York city; Spray pond equipment, Spray Engineering Company, New York city; structural steel and boiler-setting steel, Missouri Bridge and Iron Company, St. Louis, Mo.; gypsum roof, United States Gypsum Company, New York city; steel

sash, Detroit Steel Products Company, New York city; piping and valves, the Edwards Valve and Manufacturing Co., Reading Steel Casting Company and Chapman Valve and Manufacturing Company, all of New York city; wire and cable, Rome Wire Company, Standard Underground Cable Company and Rockbestos Products Corporation, all of New York city; substation steel, Pittsburgh Bridge and Iron Company, New York city; cement, Kosmos Cement Company, Louisville, Ky., and Atlas Cement Company, Hannibal, Mo.; reinforcing steel, anchor bolts and corrugated iron siding, Jos. T. Ryerson & Sons Co., Cincinnati, Ohio; sand and gravel, Ohio River Sand and Gravel Company, Paducah, Ky., and structural steel paint, the Debevoise Company, Brooklyn, N. Y.

The engineering and construction work is being handled by the J. G. White Engineering Corporation, New York city.

Lancashire Cotton Dividends.

Manchester, England, July 17—[Special.]—Forty-one Lancashire cotton-spinning companies paid an average dividend of 6.89 per cent per annum, absorbing £65,980, for the three months ended June, compared with 7.43 in March, 8.35 in December and 8.27 each in September and June, 1925. The total paid-up ordinary share capital of the 41 companies is £4,194,925 and the aggregate spindleage 3,539,304. An average payment for the six months ended June of 3.92 per cent, requiring £70,877, against 4.86 in December and 5.25 in June, 1925, was made by 30 companies, which have a total paid-up ordinary share capital of £4,883,433 and possess 3,386,968 spindles.

New Ferryboat Put Into Service.

Annapolis, Md.—Following ceremonies here incident to the christening of a new ferryboat for the Annapolis-Claiborne Ferry Company, which was given the name of Governor Albert C. Ritchie, in honor of the present Maryland Governor, the vessel has been put into service between this city and Claiborne, on the eastern shore of the Chesapeake Bay. The new boat is a double-ender, 208 feet long, with twin screws at each end, and has accommodations for 1200 passengers and 85 automobiles. It will augment the service now being maintained by two other vessels—the Emerson C. Harrington and the Majestic.

Wright, Warlow & Co.

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Specializing in the preparation of legal proceedings for municipal bond issues

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ORLANDO FLORIDA

Municipal Bonds

Inquiries invited from municipalities and contractors. We buy city, county, district, school, road, lighting, water works and other municipal issues.

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We purchase SCHOOL, COUNTY and MUNICIPAL BONDS. Southern Municipal Bonds a Specialty.

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CLEVELAND

New York Chicago Detroit Cincinnati Denver
Columbus Toledo Akron Colorado Springs

The South A Most Profitable Investment Field

THE South is a vast storehouse of mineral wealth. \$1,506,900,000 was the valuation of its output of basic minerals in 1924.

The development of the mining industry in the South since 1914, when the output was but one quarter of that amount, clearly illustrates the opportunities for future utilization of the great undeveloped deposits of raw materials.

Producing 34 per cent of the nation's coal, 50 per cent of the petroleum, 12 per cent of the iron ore and, in all, one-third of the country's total production of basic minerals, the South with her great hydro-electric power and her own adequate banking facilities presents a most attractive investment field.

Caldwell offices in principal financial centers make available ample capital, drawn from an extensive territory, for financing growing Southern corporations.

Our Corporation Department offers an advisory service and is in a position to make worth-while suggestions regarding financing.

All communications should be addressed to Corporation Department.

"We Bank on the South"

CALDWELL & COMPANY

INVESTMENT SECURITIES

400 Union Street Nashville, Tennessee

Offices in Principal Cities

\$1,550,000 Medical Building in San Antonio.

Representing an investment of \$1,550,000, the new medical arts building in San Antonio, Texas, has recently been completed for the Medical Arts Building Company of that city. The structure has been built for the medical profession, and is regarded as one of the most beautiful business buildings in the Southwest. It is triangular in shape, covering an area of 11,000 square feet and rising to a height of 13 stories, exclusive of basement. The frame is of reinforced concrete,



NEW MEDICAL ARTS BUILDING, SAN ANTONIO

with the rib and pan system of floor construction. Gray granite has been used for the base, while the exterior for the three lower stories is of unglazed terra cotta, the intervening stories of smooth face brick. The tower is of terra cotta and its lower landing has an outside walkway for observation purposes.

The main entrance of the building is on Houston street and a secondary or ambulance entrance on Avenue E. The lobby is finished in Spanish Gothic style, with a hint of the English in its caen stone walls. Interior walls throughout are plastered and all corridors are finished in Vermont marble. Floors are of white tile with black borders. The structure contains approximately 400 offices, with space on the ground floor for 10 stores. On the top floor a hospital has been provided with more than \$25,000 worth of modern equipment. There are 30 rooms for patients and five operating rooms. The building is served by four high-speed elevators.

Ralph H. Cameron is the architect and Willard L. Simpson the engineer, both of San Antonio. General contract was executed by J. P. Haynes of San Antonio.

Some Interesting Facts about the Production of Bond and Stock Certificates.

Steel Plate Engraving is an intricate art, the details of which are not appreciated by the layman.

For instance, the common Postage Stamp is a specimen of steel plate printing requiring at its inception a very careful sketch or drawing twenty or thirty times larger than the actual stamp, the details of which are worked out very carefully, and reduced photographically to the size of the stamp.

Then the engraving is made by hand on the original steel die which is later hardened and taken up on a soft roll on a steel plate transfer press, after this the roll is hardened and by means of steel plate transferring we are able to transfer possibly four hundred stamps to a large steel plate from which the printing is accomplished.

We are equipped to produce postage stamps and at the present time make plates for the Cuban Government.

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NEW YORK CITY



Surplus Funds

THE complexity of business organization and the rapidly changing trade conditions of today make it increasingly necessary for companies to maintain adequate reserves and contingency funds for various purposes.

The proper temporary investment of these funds so as to insure a satisfactory return as well as safety of principal, should be carefully considered.

If you have such a fund, why not consult us regarding its investment? Our Company has no securities to sell, but is thoroughly experienced in the investment of funds for its clients.

Write us today, or plan to come in to see us on your next trip to New York.



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52 Wall Street, New York

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is the motto of this Bank.
Let us tell you about it.

We invite your inspection of our modern, burglar-proof and fireproof Safety Deposit Vaults, which may be rented at small cost.

BALTIMORE COMMERCIAL BANK

GWYNN CROWTHER, President

26 South Street, Baltimore, Md.

Capital and Surplus \$1,350,000.00 Member Federal Reserve System

REAL ESTATE MORTGAGE BONDS

We are interested in the purchase of first mortgage bond issues covering business property, hotels, apartment houses, etc., in amounts of \$50,000 and upwards. Entire issues city, county and district bonds purchased.

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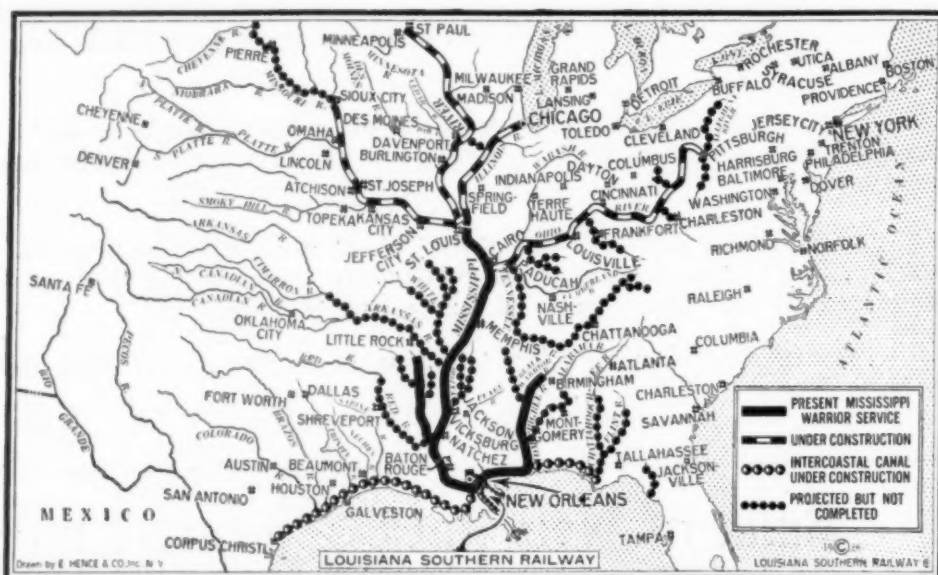
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LOWER FREIGHT CHARGES BY USING WATER TRANSPORTATION



New Orleans— The Hub of a Tremendous Inland Waterway System

Industry is becoming increasingly interested in the rapidly growing interior waterway transportation system, now generally considered a co-partner with the railroads in giving to the United States the most efficient transportation in the world.

Many industrial executives who study this most economical form of transportation will find that a manu-

facturing plant located at New Orleans would so coordinate rail and water facilities that freight charges on both raw material and finished product would be reduced to a minimum.

Allow us to prepare an Industrial Survey covering your own particular industry. This service will be absolutely confidential and without any obligation whatsoever on your part.

Louisiana Southern Railway

New Orleans Bank Building

New Orleans, U. S. A.

LOWER FREIGHT CHARGES BY USING WATER TRANSPORTATION

Georgia Banks Strong—Crops Big and Failure of Small Chain Banks Unimportant.

[Telegram to Manufacturers Record.]

Atlanta, Ga., July 22.

General financial conditions in Georgia are sound. We have already harvested one of the largest grain crops in the history of the state. Peach, watermelon and truck crops are larger than the average; the yield of tobacco is greater than any previous year, and the outlook for cotton and corn is well above the average. Our cotton mills and varied manufacturing industries are running on good time and sales of these products are good. Jobbers and retail merchants report business better than in 1925.

A large number of small banks, practically all controlled by one financing company, have recently suspended. This was not due to local conditions, but to the weakness of the financing company which controlled them. This has had little or no effect on other banks not affiliated with this chain. Clearing-house banks in Atlanta and all other Georgia cities are in excellent condition and occupy a very strong position.

W. J. BLALOCK, President, Fulton National Bank.

\$3,800,000 in New Construction at Bradenton.

[Telegram to Manufacturers Record.]

Bradenton, Fla., July 27.

Construction work now going on in this city includes new gas plant \$275,000, school building \$250,000, city pier \$265,000, street-paving contracts now being completed \$600,000, new work in street paving to be let \$250,000, sewer work under construction \$500,000, canning factory under construction \$50,000, community-market building \$17,000, Walters office building \$175,000, ice-cream factory \$50,000, new state road bridge, connecting Bradenton and Palmetto, being constructed at a cost of \$1,000,000; fire station \$50,000, water-works plant \$350,000 and new bank building \$40,000. It is estimated that work on homes and business buildings now going on or to be started in the near future and not mentioned above will reach \$500,000.

BRADENTON CHAMBER OF COMMERCE

Recently incorporated with a capital stock of \$100,000, the Vogue Mills of Gaffney, S. C., have formally organized with the following officers: W. C. Hamrick, Jr., president and treasurer, and Lyman A. Hamrick, vice-president.



PROPOSALS

BOND ISSUES

BUILDINGS

PAVING

GOOD ROADS



Bids close August 11, 1926.

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., July 14, 1926.—SEALED PROPOSALS will be opened in this office at 3 P. M. August 11, 1926, for furnishing and installing a new hot-water heating plant, etc., in building No. 17 and a new wood water tank, etc., at the U. S. Quarantine Station at Craney Island, Fort Monroe, Va. Drawings and specifications may be obtained from this office, in the discretion of the Supervising Architect. Jas. A. Wetmore, Acting Supervising Architect.

Bids close August 16, 1926.

Office of Constructing Quartermaster, Fort Benning, Georgia. Sealed proposals will be received at this office until 1 P. M. August 16, 1926, and then publicly opened, for the construction of permanent Cuartel Barracks (Sections "B," "C" and "D") and Utilities. Building is 1068 ft. 10 in. x 45 ft. 0 in., three stories and garret, concrete and brick construction. Plans and specifications may be obtained from Constructing Quartermaster, Fort Benning, Georgia, on deposit of \$25. Right is reserved to accept any or reject all bids.

Bids close August 10, 1926.

\$30,000 5½% Improvement Bonds

\$1000 denomination, maturing July 1 each of years 1928 to 1935, and \$2000, years 1936 to 1946. Rate five and one-half (5½%) per cent. Sale August 10, 1926. Address J. W. HOLLAND, Clerk, Mt. Holly, North Carolina.

Bids close August 6, 1926.

\$500,000 6% Bonds

FORT PIERCE INLET DISTRICT.

Fort Pierce, Fla.
Sealed bids will be opened at 2 o'clock P. M. on August 6, 1926, for 500 \$1000 coupon bonds of Fort Pierce Inlet District, bearing 6 per cent semi-annual interest. Bonds mature serially from 1 to 30 years. Approving opinion by Thomson, Wood & Hoffman of New York City.
Write to E. L. Price, Chairman, Fort Pierce, Fla., for full information.

Bids close August 11, 1926.

\$820,000 4½% "General Construction Loan of 1924"

STATE OF MARYLAND,
TREASURY DEPARTMENT.

Annapolis, Md.

Pursuant to Chapter 280 of the Acts of the General Assembly of Maryland of 1924, providing for the issue of the Certificates of Indebtedness herein mentioned and described, and pursuant also to a resolution of the Board of Public Works of Maryland, passed on April 7, 1926, and on file and open to inspection in the office of the said Board in Annapolis, Maryland, the Treasurer of the State of Maryland will receive bids or proposals for Certificates of Indebtedness of the State of Maryland as follows: \$820,000 FOUR AND ONE-HALF PER CENT CERTIFICATES OF INDEBTEDNESS KNOWN AS "GENERAL CONSTRUCTION LOAN OF 1924."

Said Certificates of Indebtedness will all be dated August 15, 1926. They will bear interest at the rate of four and one-half per centum (4½%) per annum, payable semi-annually on the 15th days of February and August, respectively, in each and every year during the continuance of the loan. The principal of said loan will be payable upon the Serial Annuity Plan, as more fully set forth in said Act of 1924, Chapter 280, as follows:

"GENERAL CONSTRUCTION LOAN OF 1924."

Series "AAA"	\$48,000	August 15, 1929.
Series "BBB"	\$50,000	August 15, 1930.
Series "CCC"	\$52,000	August 15, 1931.
Series "DDD"	\$54,000	August 15, 1932.
Series "EEE"	\$57,000	August 15, 1933.
Series "FFF"	\$60,000	August 15, 1934.
Series "GGG"	\$62,000	August 15, 1935.
Series "HHH"	\$65,000	August 15, 1936.
Series "III"	\$68,000	August 15, 1937.
Series "JJJ"	\$71,000	August 15, 1938.
Series "KKK"	\$74,000	August 15, 1939.
Series "LLL"	\$78,000	August 15, 1940.
Series "MMM"	\$81,000	August 15, 1941.

The said Certificates of Indebtedness will be of the denomination of \$1000 each, subject to registration as to principal, and all will be issued with interest coupons attached.

This loan and the interest payable thereon is exempt from the Federal income tax and from State, County and Municipal taxation.

The said bids or proposals must be delivered to the Treasurer of the State at his

office in Annapolis, Maryland, before 12 o'clock noon on August 11, 1926. Each bid must be for cash on delivery and must be enclosed in a sealed envelope addressed on the outside, "Proposal for General Construction Loan of 1924." Each bid must be accompanied by a certified check upon some responsible banking institution, drawn to the order of the Treasurer of Maryland, for five per centum (5%) of the par value of the amount bid for. All bids or proposals will be opened at 12 o'clock noon on August 11, 1926, in the presence of the undersigned.

On the opening of said proposals, as many of said Certificates of Indebtedness as have been bid for, not exceeding, however, the amount for which proposals are invited may be awarded by the Governor, the Comptroller of the Treasury and the Treasurer, or a majority of them, to the highest responsible bidder or bidders therefor for cash; and if two or more responsible bidders have made the same bid and such bid is the highest and the Certificates so bid for by such highest responsible bidders are in excess of the whole amount of Certificates as offered for sale, then such Certificates of Indebtedness may be awarded in a ratable proportion to such responsible bidders bidding the same price.

The undersigned may, in their discretion, accept one bid for all of said loan or separate bids for parts of said loan, as may produce the largest amount; and they may, in their discretion, accept bids which may be for parts of said loan, but are not for all, and they reserve the right, in their discretion, to reject all bids or any bids.

The Certificates of Indebtedness awarded will be delivered to the successful bidder or bidders upon receipt of the amount of the successful bid or bids on Monday, August 16, 1926, at the office of the State Treasurer, Annapolis, Maryland.

Bidders are referred to the said Chapter 280 of the Acts of the General Assembly of Maryland of 1924 as containing the full terms and provisions of this loan.

The constitutionality and validity of said Acts of Assembly authorizing the issuance of said Certificates of Indebtedness have been favorably passed upon by the Attorney-General of Maryland, who will also certify that all necessary legal formalities prescribed for said issue have been duly complied with.

ALBERT C. RITCHIE,

Governor.

WILLIAM S. GORDY, JR.,

Comptroller of the Treasury.

JOHN M. DENNIS,

Treasurer.

Bids close August 3, 1926.

Bridge

**DEPARTMENT OF PUBLIC WORKS
STATE OF MARYLAND
STATE ROADS COMMISSION
NOTICE TO CONTRACTORS**

Baltimore, Md.

SEALED PROPOSALS for building a bridge as follows:

Montgomery County, Cont. M-74—Three steel spans of 26 feet each, with a 20-foot 6-inch clear roadway of concrete and one 6-foot 0-inch clear sidewalk over the Baltimore and Ohio R. R. at Bethesda on the Rockville Pike.

Will be received by the State Roads Commission at its offices, 601 Garrett Building, Baltimore, Maryland, until 12 M. on the third day of August, 1926, at which time and place they will be publicly opened and read.

Bids must be made upon the blank proposal form, which, with specifications and plans, will be furnished by the Commission upon application and cash payment of \$1.00, as hereafter no charges will be permitted.

No bids will be received unless accompanied by a certified check for the sum of Five Hundred (\$500) Dollars, payable to the State Roads Commission.

The successful bidder will be required to give bond and comply with the Acts of the General Assembly of Maryland respecting contracts.

The Commission reserves the right to reject any and all bids.

By order of the State Roads Commission this 20th day of July, 1926.

JOHN N. MACKALL, Chairman.

L. H. STEUART, Secretary.

Bids close August 12, 1926.

Virginia Highway Work

Richmond, Va.

The Highway Commission will receive bids on the following:

- Proj. S-132-B, 0.53 Mi. Bit. Macadam.
- Proj. S-132-C, 0.272 Mi. Bit. Macadam.
- Proj. S-259-C, 4.4 Mi. Soil.
- Proj. S-446-A, 2.187 Mi. Concrete.

Details obtainable on request.

Bids close August 10, 1926.

Highway Construction

**DEPARTMENT OF PUBLIC WORKS
STATE OF MARYLAND
STATE ROADS COMMISSION
NOTICE TO CONTRACTORS**

Baltimore, Md.

Sealed proposals for building three sections of State Highway, as follows:

Prince George County, Cont. P-68—One section of State Highway along the River Road from Madensburg toward the D. C. Line, and along the Suttland Road from the Cemetery Gate toward Suitland, for a distance of 1.0 mile. (Concrete.)

Prince George County, Cont. P-65—One section of State Highway from Silesia toward Piscataway, for a distance of 1.83 miles. (Gravel.)

Prince George County, Cont. P-69—One section of State Highway between Marlboro and Croon, for a distance of 1.0 mile. (Gravel.)

Will be received by the State Roads Commission, at its offices, 601 Garrett Building, Baltimore, Maryland, until 12 M. on the 10th day of August, 1926, at which time and place they will be publicly opened and read.

Bids must be made upon the blank proposal form, which, with specifications and plans, will be furnished by the Commission upon application and cash payment of \$1, as hereafter no charges will be permitted.

No bids will be received unless accompanied by a certified check for the sum of Five Hundred (\$500) Dollars, payable to the State Roads Commission.

The successful bidder will be required to give bond and comply with the Acts of the General Assembly of Maryland respecting contracts.

The Commission reserves the right to reject any and all bids.

By order of the State Roads Commission this 23d day of July, 1926.

JOHN N. MACKALL, Chairman.

L. H. STEUART, Secretary.

Bids close August 9, 1926.

Road Paving

Durham, N. C.

Sealed proposals will be received by the Board of County Commissioners of Durham County at the Courthouse in Durham, N. C., until noon (12 o'clock) August 9, 1926, for grading and paving three miles of the New Hope Valley Road.

The work will consist of about: 32,000 sq. yds. of asphalt or concrete or other pavement, with the necessary excavation, storm-water drains and other appurtenances.

Proposals must be marked "Proposal for Paving."

All bids must be upon blank forms provided in the Proposal, Specifications and Contract.

Each bid must be accompanied by a certified check for \$3000 as evidence of good faith.

Plans and specifications will be on file at the County Clerk's office in Durham, N. C., and at the office of the Engineer in Durham, and copies of the form of proposal will be mailed upon application to the Engineer at Durham, N. C.

As required by law, consideration will be given only to bids of contractors who submit evidence showing that they are licensed under "An Act to Regulate the Practice of General Contracting," ratified by the General Assembly of North Carolina on March 1, 1925.

The right is reserved to reject any or all bids.

H. L. CARVER, Chairman.

GILBERT C. WHITE CO., Engineer,
Durham, N. C.

Bids close August 3, 1926.

**Highway Construction
DEPARTMENT OF PUBLIC WORKS
STATE OF MARYLAND
STATE ROADS COMMISSION
NOTICE TO CONTRACTORS**

Baltimore, Md.

SEALED PROPOSALS for building three sections of State Highway as follows:

Frederick County, Cont. F-94—One section of State Highway from Thurmont to Graceham, a distance of 1.34 miles. (Macadam Resurfacing.)

Montgomery County, Cont. M-71—One section of State Highway along Wilson Lane from Bethesda toward Glen Echo, and along the Old Georgetown Road from Bethesda toward Beane for a distance of 2.0 miles. (Concrete Shoulders.)

Montgomery County, Cont. M-73—One section of State Highway along the Rockville Pike from the District Line through Bethesda for a distance of 1.61 miles. (Concrete.)

Will be received by the State Roads Commission at its offices, 601 Garrett Building, Baltimore, Maryland, until 12 M. on the 3d day of August, 1926, at which time and place they will be publicly opened and read.

Bids must be made upon the blank proposal form, which, with specifications and plans, will be furnished by the Commission upon application and cash payment of \$1.00, as hereafter no charge will be permitted.

No bids will be received unless accompanied by a certified check for the sum of Five Hundred (\$500) Dollars, payable to the State Roads Commission.

The successful bidder will be required to give bond and comply with the Acts of the General Assembly of Maryland respecting contracts.

The Commission reserves the right to reject any and all bids.

By order of the State Roads Commission this 17th day of July, 1926.

JOHN N. MACKALL, Chairman.

L. H. STEUART, Secretary.

Bids close August 12, 1926.

Paving

Sparta, Tenn.

Sealed bids for paving the Public Square at Sparta, Tennessee, will be received by the Board of Mayor and Aldermen at the office of Edgar Pearson, Recorder, until 1 P. M. August 12, 1926, at which time they will be publicly opened and read.

The work comprises resurfacing the existing macadam pavement for a foundation, constructing new macadam foundation where necessary, and surfacing this foundation with Kentucky Rock Asphalt pavement. Concrete gutter will be built around the Court House; elsewhere new curb and gutter will be constructed, except where satisfactory curb and gutter are now in place; necessary drainage structures will be provided.

Approximate quantities:

- 5250 sq. yds. surface.
- 1310 cu. yds. crushed stone.
- 290 sq. yds. concrete gutters.
- 770 lin. ft. concrete curb and gutter.

Plans and specifications may be examined at the office of the Recorder at Sparta, or at the office of the Engineers; or a copy may be obtained from the Engineers on receipt of a deposit of \$10, of which amount \$5 will be refunded when the plans and specifications are returned in good condition. If further information is desired, address the Engineers.

The right is reserved to reject any or all bids and to waive informalities.

Each bid must be accompanied by a certified check drawn on a responsible bank or trust company, and made payable to Edgar Pearson, Recorder, for a sum not less than 10 per cent of the bid; or a bidder's bond for the same amount by a surety company, authorized to do business in the State of Tennessee, will be accepted. The successful bidder will be required to furnish performance bond in the sum of 50 per cent of the contract price.

The Contractor will be paid in cash monthly, on the basis of 90 per cent of the value of work done and materials furnished.

S. R. WARE, Mayor.

KLYCE & HARRUB, Engineers,
506 Fourth & First National Bank Bldg.,
Nashville, Tennessee.

Bids close August 3, 1926.

Street Paving

Milledgeville, Ga.

Sealed proposals for the paving of certain streets in Milledgeville, Georgia, will be received by the City Council at their office at or before 2 o'clock P. M. August 3, 1926.

Bids will be received on the different types of hard-surface pavements for approximately twenty-two thousand five hundred square yards of pavement and the necessary curb, gutter and storm drainage.

Each bid must be accompanied by a Cashier's Check in the sum of Two Thousand (\$2000) Dollars, made payable to the Treasurer of the City of Milledgeville.

Plans and specifications may be seen at the office of the City Clerk and the office of the Engineer. Specifications will be mailed upon application.

The right is reserved to reject any and all bids.

By order of the City Council.

J. H. ENNIS, Mayor.

L. H. ANDREWS,

RICHARD BIXION,

LEWIS FLEMISTER,

JOHN W. HUTCHINSON,

L. D. SMITH,

R. L. WALL,

Aldermen.

R. T. BAISDEN, Sr.,

City Clerk and Treasurer.

THE HARWOOD BEEBE CO.,
Municipal Engineers,
Spartanburg, S. C.

Bids close August 4, 1926.

Street Improvements

**DEPARTMENT OF PUBLIC WORKS,
BUREAU OF HIGHWAYS,**

Baltimore, July 21, 1926.

Sealed proposals, executed in duplicate, addressed to the Board of Awards, care of the City Register, will be received by him in his office until 11 A. M. Wednesday, August 4, 1926, to grade, curb and pave with sheet asphalt on concrete base the streets listed in Contract No. 358.

Contract No. 358

Sheet Asphalt, 9270 square yards

Certified Check \$900

Specifications and proposal sheets and all other information can be obtained at this office, Room 207½ City Hall. A charge of \$10 will be required for specifications covering this contract, which charge will not be refunded.

The Board of Awards reserves the right to reject any or all bids. A certified check of the bidder on a clearing-house bank, drawn to the order of the Mayor and City Council of Baltimore, to the amount as recited in the specifications, must accompany each bid.

Bond in the amount of the contract price will be required of the successful bidder.

Approved:

STUART PURCELL,

Highways Engineer.

Approved:

HOWARD W. JACKSON,

President Board of Awards.

B. L. CROZIER,

Chief Engineer.

Approved:

JOSEPH PATTI, JR.,

Assistant City Solicitor.

Bids close August 31, 1926.

Water Mains, Sewers and Paving

Sealed proposals or bids for the construction of water mains and sewers and paving of streets will be received at the office of the Town Clerk of the Town of Havana, Florida, until 12 o'clock noon, central standard time, of Tuesday, August 31, A. D. 1926, at which place and time bids will be publicly opened by the Town Council of said Town of Havana.

The following is an approximate statement of the work to be done:

- 10 Fire Hydrants.
- 3,400 Lineal ft. of 6-in. water mains.
- 700 Lineal ft. of 8-in. water mains.
- 24 6-in. valves.
- 4 8-in. valves.
- 10,000 Lineal ft. of sewers with a minimum of 8 in. Together with manholes, connections, etc.
- 21,000 sq. yds. of street paving with curb and gutter, type to be selected.

Information for bids, plans and specifications may be obtained from the Town Clerk of Havana, Florida, or from Armes & Winthrop, Engineers of Tallahassee, Florida. Work is to be begun within ten days after signing contract.

A properly certified check for 5 per cent of the amount bid will be required with each bid. Checks of unsuccessful bidders will be properly returned.

The Town Council reserves the right to reject any or all bids and to accept any bid it may deem to be for the best interest of the Town.

J. H. TURNER,

Town Clerk of the Town of Havana, Fla.

Bids close August 17, 1926.

Water-Works Improvements and White-Way Street Lighting System

Elizabeth City, N. C.

Sealed proposals will be received by the Utility Commission of the City of Elizabeth City, N. C., until 10 A. M. August 17, 1926, in the Chamber of Commerce rooms at Elizabeth City, N. C., for the Construction of Water-Works Improvements and a White-Way Street-Lighting System.

The work will consist of a Water-Purification Plant, complete in every respect, having a capacity of two (2) million gallons per day; a Pumping Plant, in conjunction with the Purification Plant, and equipped with Motor-driven and Gasoline Engine Centrifugal Pumping units; a fifty thousand (50,000) gallon Steel Wash Water Tank and Supporting Tower; a Clear-Water Reservoir of concrete, having a capacity of one (1) million gallons; a concrete Coagulating Basin; a concrete Secondary Settling Basin Timber Piling; a six (6) panel switchboard; a three (3) circuit series Street Lighting panel and constant-current Transformers, and a complete series White Way ornamental street-lighting system of approximately one hundred twenty-five (125) standards with underground cable, lighting units, transformers, etc.

Proposals must be marked "PROPOSALS FOR WATER WORKS IMPROVEMENTS" or "PROPOSALS FOR WHITE WAY STREET LIGHTING," as the case may be. All bids must be made upon blank forms provided in copies of the Proposal, Contract and Specifications, and directed to the Utility Commission of the City of Elizabeth City, N. C.

Each bid must be accompanied by a certified check in the amount of five (5) per cent of the amount of the bid, but in no case for less than Two Hundred Fifty (250) Dollars, as evidence of good faith. Bid bonds will not be accepted in lieu of certified checks.

Construction bids from contractors who are not licensed to do contracting work in the State of North Carolina will not be considered, and bids from licensed contractors must show license number assigned.

Copies of the Specifications, Form of Proposal, Contract, etc., and Plans may be obtained upon application to the Engineer.

The right is reserved to reject any or all bids or to award contracts which, in the opinion of the Engineer and Utility Commission, appear to be for the best interest of the City.

UTILITY COMMISSION OF THE CITY OF ELIZABETH CITY, N. C.

DR. A. L. PENDLETON,

Chairman.

J. H. SNOWDEN, Clerk.

WILLIAM C. OLSEN,
Consulting Engineer,
Raleigh, N. C.

Bids close August 2, 1926.

Water Mains and Appurtenances

Towson, Maryland, July 6, 1926.

Sealed Proposals, addressed to the County Commissioners of Baltimore County, and endorsed bids for the laying of water mains and appurtenances thereto, in "BELAIR ROAD, PHILADELPHIA ROAD AND LIBERTY HEIGHTS AVENUE," will be received at their office in the Courthouse, Towson, Maryland, until 11 A. M. Eastern Standard time, on August 2 next, when they will be publicly opened and read.

PROPOSAL No. 10-W.

- 200 lin. ft. earth excavation and refill for 6-inch pipe.
- 50 lin. ft. Class "A" rock excavation and earth refill for 6-inch pipe.
- 50 lin. ft. Class "B" rock excavation and earth refill for 6-inch pipe.
- 50 lin. ft. Class "C" rock excavation and earth refill for 6-inch pipe.
- 400 lin. ft. tunneling and rammed backfill at street crossings for 6-inch pipe.
- 70 lin. ft. earth excavation and refill for 8-inch pipe.
- 10 lin. ft. Class "A" rock excavation and earth refill for 8-inch pipe.
- 10 lin. ft. Class "B" rock excavation and earth refill for 8-inch pipe.
- 10 lin. ft. Class "C" rock excavation and earth refill for 8-inch pipe.
- 200 lin. ft. tunneling and rammed backfill at street crossing for 8-inch pipe.
- 30 lin. ft. earth excavation and refill for 10-inch pipe.
- 10 lin. ft. Class "A" rock excavation and earth refill for 10-inch pipe.
- 10 lin. ft. Class "B" rock excavation and earth refill for 10-inch pipe.
- 10 lin. ft. Class "C" rock excavation and earth refill for 10-inch pipe.
- 60 lin. ft. tunneling and rammed backfill at street crossing for 10-inch pipe.
- 10,150 lin. ft. earth excavation and refill for 12-inch pipe.
- 500 lin. ft. Class "A" rock excavation and earth refill for 12-inch pipe.
- 300 lin. ft. Class "B" rock excavation and earth refill for 12-inch pipe.
- 100 lin. ft. Class "C" rock excavation and earth refill for 12-inch pipe.
- 100 lin. ft. tunneling and rammed backfill at street crossings for 12-inch pipe.
- 11,600 lin. ft. earth excavation and refill for 16-inch pipe.
- 600 lin. ft. Class "A" rock excavation and earth refill for 16-inch pipe.
- 500 lin. ft. Class "B" rock excavation and earth refill for 16-inch pipe.
- 200 lin. ft. Class "C" rock excavation and earth refill for 16-inch pipe.
- 100 lin. ft. tunneling and rammed backfill at street crossings for 16-inch pipe.
- 150 lin. ft. earth excavation and refill for 20-inch pipe.
- 50 cu. yds. miscellaneous and test pit earth excavation and refill.
- 430 lin. ft. concrete repaving of roadway.

PROPOSAL No. 11-W.

- 750 lin. ft. laying 6-inch mains, valves, fittings, lead joints.
- Alternate bid, leadite joints.
- 300 lin. ft. laying 8-inch mains, valves, fittings, lead joints.
- Alternate bid, leadite joints.
- 120 lin. ft. laying 10-inch mains, valves, fittings, lead joints.
- Alternate bid, leadite joints.
- 11,350 lin. ft. laying 12-inch mains, valves, fittings, lead joints.
- Alternate bid, leadite joints.
- 13,000 lin. ft. laying 16-inch mains, valves, fittings, lead joints.
- Alternate bid, leadite joints.
- 150 lin. ft. laying 20-inch mains, valves, fittings, lead joints.
- Alternate bid, leadite joints.
- 27 each placing fire hydrants.

Each bid, excavating and laying, must be separately totaled and each accompanied by a certified check for Twenty-five Hundred (\$2500) Dollars, payable to the County Commissioners, as a guarantee that the successful bidder will sign the contract.

A bond for an amount equal to the amount of the bid of a surety company satisfactory to the Commissioners will be required of the successful bidder.

A copy of the Specifications, Plans and Drawings will be furnished prospective bidders on receipt of a certified check for Twenty-five (\$25) Dollars, refund of which

will only be made upon receipt of a bona fide bid and return of the specifications and drawings to the office of the Chief Engineer of the Baltimore County Metropolitan District within ten (10) days after opening of the bids and award of the contract. No specifications or drawings will be issued after Thursday, July 29, 1926. Specifications and drawings can be seen at the office of the Chief Engineer of the Baltimore County Metropolitan District, Towson, Md., after July 12, 1926.

Consideration will be given bidder's experience (must be stated in or attached to the bid), financial standing and reputation for having done successful work of the kind specified without controversy or litigation, and the Commissioners reserve the right to reject any or all proposals or bids, or parts of bids, or to accept any or all bids, or to separate bids for the excavation and refill from laying of the pipe and setting hydrants, or to waive technicalities as they may deem best for the interest of the county.

By order of the Board.

JOHN R. HAUT, Chief Clerk.

A. E. WALDEN, Chief Engineer.

Bids close August 11, 1926.

Intercepting Sewer

Norristown, Pa.

Sealed bids will be received at the Borough Hall, Norristown, Pa., until 7 P. M. (Standard Time) Wednesday, August 11, 1926, at which time they will be publicly opened and read, for constructing the south-west main intercepting sewer, which will constitute 1350 feet of 15-inch vitrified pipe in open cut, 2200 feet 15-inch vitrified pipe in tunnel, 19 manholes and miscellaneous appurtenances.

Plans, specifications and bidding blanks may be obtained from the Borough Engineer, Borough Hall, Norristown, Pa., or Albright & Mebus, Consulting Engineers, 1502 Locust street, Philadelphia, Pa. A deposit of \$10 will be required, which sum will be refunded upon the return of said plans and specifications to the Engineers in good condition.

Bids must be accompanied by a certified check amounting to not less than three (3%) per cent of the total of bid tendered.

The sewer committee of the Council reserves the right to reject any or all bids.

H. S. BORNEMAN,

Secretary, Council.

Bids close August 10, 1926.

Sewage-Pumping Stations, Ejector Stations, Force Mains and Air Mains

Fort Lauderdale, Fla.

Sealed proposals for furnishing material and constructing three sewage pumping stations and five ejector stations, with force mains and air mains, for the City of Fort Lauderdale, Florida, will be received by the Mayor and Board of Commissioners at the City Manager's office until 1 o'clock P. M. August 10, 1926.

The pipe line to be constructed will consist of approximately six (6) miles of 4-inch, 6-inch, 10-inch, 12-inch, 16-inch, 20-inch and 24-inch cast-iron pipe, with specials, valves and hydrants, including flexible joint submerged pipe and approximately one (1) mile of 2½-inch and 2-inch galvanized iron pipe.

Each proposal must be accompanied by a certified check, payable to the City of Fort Lauderdale, Florida, to an amount equal to five (5%) per cent of the bid, as a guarantee that the contract will be entered into if awarded. Bidder's bonds will not be accepted. A bond in the full amount of the contract price will be required. Payments will be made in cash on monthly estimates.

Plans and specifications are on file in the office of the City Manager at Fort Lauderdale, Florida, and with Solomon, Norcross & Keis, Inc., Consulting Engineers, Granada avenue, Lauderdale-Mar, Fort Lauderdale, Florida, and 1404 Candler Building, Atlanta, Georgia.

Bidders may obtain copies from the Engineers by enclosing certified check for Twenty-five Dollars (\$25), payable to the City of Fort Lauderdale. If blueprints are desired they may be had at the cost of printing. If the plans, specifications and blueprints are returned within thirty days after opening bids, the check for twenty-five dollars will be returned.

B. J. HORNE, City Manager.

SOLOMON, NORCROSS & KEIS, INC.,

Engineers,

Fort Lauderdale, Fla.; Atlanta, Ga.

Bids close August 18, 1926.

Sanitary Sewer System

Sealed proposals will be received by the City Council of the City of Winter Park, Florida, until 8 o'clock P. M. on the 18th day of August, 1926, at the City Hall, for the furnishing of materials and construction of a SANITARY SEWER SYSTEM, consisting of the following items, to wit:

- 8,365 Lin. Ft. 24-in. sewer pipe, 0-18 ft. cut.
- 1,874 Lin. Ft. 21-in. sewer pipe, 6 ft.-18 ft. cut.
- 3,337 Lin. Ft. 18-in. sewer pipe, 6 ft.-10 ft. cut.
- 570 Lin. Ft. 15-in. sewer pipe, 0-18 ft. cut.
- 760 Lin. Ft. 12-in. sewer pipe, 10 ft.-12 ft. cut.
- 3,475 Lin. Ft. 10-in. sewer pipe, 0-12 ft. cut.
- 20,480 Lin. Ft. 8-in. sewer pipe, 0-10 ft. cut.
- 250 Lin. Ft. 24-in. C. I. Pipe on piers.
- 120 Lin. Ft. 16-in. C. I. Pipe, inverted siphon, 12 ft. to 14 ft. cut.
- 5,700 Lin. Ft. 10-in. C. I. Pipe force mains, 0-4 ft. cut.
- 98 Standard Manholes, 0-18 ft. Vertical Height.
- 100 Vertical Feet Drop Manholes.
- 32 Flush Tanks, 5-in. Siphon.
- 3 Clean-out Boxes.
- 850 Lin. Ft. House Connections.
- 100 M. Ft. B. M. Lumber Foundation.
- 20 Cubic Yards Class "A" Concrete.
- 50 Cubic Yards Class "B" Concrete.
- 18,164 Sq. Yds. Sand-Filled Brick Pavement relaid.
- 9,000 Sq. Yds. Cement Grouted Brick Pavement relaid.
- 2 Sewage Pumping Stations complete.
- 1 Disposal Plant.
- 4 Centrifugal Pump Units.

Bids will be received on the whole or any section of the work.

Plans and specifications may be examined at the office of the Clerk at the City Hall, Winter Park, Fla., or at the office of the Engineer, in New Smyrna, Fla. Copies of the specifications may be obtained from the above places upon receipt of Five Dollars, which will be returned on a bona fide bid. Copies of the plans may be obtained upon receipt of Fifteen Dollars.

Each bidder must accompany bid with a certified check or bidder's bond for an amount not less than five per cent of the amount bid, drawn to the order of the City of Winter Park, Florida.

The right is reserved to reject any and all bids in whole or in part.

(Seal)
C. FRED WARD,
Mayor of City of Winter Park.
E. F. BELLOWS,
Clerk.
N. A. HOTARD,
Engineer.

Bids close August 2, 1926.

Sewers and Appurtenances

Towson, Md., July 6, 1926.

Sealed Proposals addressed to the County Commissioners of Baltimore County and endorsed bids for the laying of Sewers and Appurtenances thereto, in "CATONSVILLE, PARKVILLE AND PIKESVILLE," will be received at their office in the Courthouse, Towson, Maryland, until 11 A. M. Eastern Standard time, on August 2, when they will be publicly opened and read.

PROPOSAL No. 8-S.

- 43,024 Lin. Ft. 8-inch T. C. Sewer.
- 2,237 Lin. Ft. 10-inch T. C. Sewer.
- 2,230 Lin. Ft. 12-inch T. C. Sewer.
- 1,130 Lin. Ft. replacing existing 10-inch with 12-inch T. C. Sewer.
- 18,000 Lin. Ft. 6-inch House Connections.
- 50 6x6 Y-branches.
- 1,500 8x6 Y-branches.
- 32 10x6 Y-branches.
- 101 12x6 Y-branches.
- 1,830 Lin. Ft. 6-inch C. I. Force Main.
- 2,042 Lin. Ft. 8-inch C. I. Force Main.
- 5,000 Lin. Ft. 4-inch Tile Underdrain.
- 1,000 Lin. Ft. 6-inch Tile Underdrain.
- 166 Manholes.
- 3,850 Cu. Yds. Rock Excavation.
- 1,600 Cu. Yds. Misc. and Test Pit Earth Excavation.
- 1,000 Cu. Yds. Earth Excavation and Refill below Subgrade.
- 1,000 Cu. Yds. Earth Excavation and Gravel Refill below Subgrade.
- 10,000 Sq. Ft. Concrete Sidewalk Repaving.
- 1,000 Lin. Ft. Earth Excavation in tunnel under State Roads.
- 1,000 Lin. Ft. Permanent Repaving, luminate concrete.
- 5,000 Lin. Ft. Permanent Repaving, macadam.

Each bid must be accompanied by a certified check for Thirty-five Hundred (\$3500) Dollars, payable to the County Commissioners, as a guarantee that the successful bidder will sign the contract.

A bond for an amount equal to the amount of the bid of a surety company satisfactory to the Commissioners will be required of the successful bidder.

A copy of the Specifications, Plans and Drawings will be furnished prospective bidders on receipt of a certified check for Twenty-five (\$25) Dollars, refund of which will only be made upon receipt of a bona fide bid and return of the specifications and drawings to the office of the Chief Engineer of the Baltimore County Metropolitan District within ten (10) days after opening of the bids and award of the contract. No specifications or drawings will be issued after Thursday, July 29, 1926. Specifications and drawings can be seen at the office of the Chief Engineer of the Baltimore County Metropolitan District, Towson, Md., after July 12, 1926.

Consideration will be given bidder's experience (must be stated in or attached to the bid), financial standing and reputation for having done successful work of the kind specified without controversy or litigation, and the Commissioners reserve the right to reject any or all proposals or bids, or to accept any proposals or bid, or to waive technicalities, as they may deem best for the interest of the county.

By order of the Board.

JOHN R. HAUT, Chief Clerk.
A. E. WALDEN, Chief Engineer.

Bids close August 11, 1926.

School Equipment.

DEPARTMENT OF EDUCATION
OFFICE OF THE
BOARD OF SCHOOL COMMISSIONERS,
MADISON AND LAFAYETTE AVENUES,
Baltimore, July 21, 1926.

Sealed proposals, in duplicate, indorsed "Proposals for Furnishing Special Class Equipment for the Department of Education," addressed to the Board of Awards of Baltimore City, will be received at the office of F. A. Doldfeld, Esq., City Register, City Hall, Baltimore, Md., until 11 o'clock A. M. Wednesday, August 11, 1926.

Specifications for the above may be obtained at the office of the Board of School Commissioners, Madison and Lafayette avenues.

Each bid must be accompanied by a certified check of the bidder for \$50, made payable to the Mayor and City Council of Baltimore and drawn on a clearing-house bank.

The successful bidder will be required to give bond for the faithful performance of his contract in an amount equal to the contract price, and to comply with the City Charter respecting contracts.

The Board of Awards reserves the right to reject bids for any or all items.

JOHN H. ROCHE,
Secretary Board of School Commissioners.
Approved July 21, 1926:
HOWARD W. JACKSON,
President Board of Awards.

Bids close August 3, 1926.

Pipe

Stuart, Fla.
Sealed proposals will be received by the Board of County Commissioners of Martin County, Florida, at the County Court House, Stuart, Florida, until 10 A. M. August 3, 1926, for the following material f. o. b. Stuart, Florida:

- 18-in. Corrugated Iron Pipe.
- 18 pieces 18 ft. long.
- 18 pieces 16 ft. long.
- 8 pieces 6 ft. long.
- 26 connecting bands 2 ft. long.
- 24-in. Corrugated Iron Pipe.
- 16 pieces 18 ft. long.
- 2 pieces 16 ft. long.
- 8 pieces 6 ft. long.
- 26 connecting bands 2 ft. long.
- 36-in. Corrugated Iron Pipe.
- 1 piece 18 ft. long.
- 1 piece 16 ft. long.
- 2 pieces 6 ft. long.
- 3 connecting bands 2 ft. long.

A certified check for two (2) per cent of the amount bid is required with each bid and made payable to the chairman of the Board.

The Board reserves the right to reject any or all bids or to award the contract in the best interest of Martin County, Florida.

H. N. GAINES,
Chairman of the Board.
E. H. GIBSON,
County Engineer.

Bids close August 3, 1926.

Combined Pumper and Chemical Fire Truck

Brookhaven, Miss.

The Board of Mayor and Aldermen will at their regular meeting to be held in the City Hall in Brookhaven, Miss., on Tuesday, August 3, 1926, receive bids for supplying the City of Brookhaven with a combined Pumper and Chemical Fire Truck. Prices submitted are to be for a complete payment of such apparatus at the end of a five-year period.

Further and more explicit information can be obtained from Perry A. Coker, City Clerk, who will furnish bidders with additional data.

The Board reserves the right to reject any and all bids should they see proper or have reason so to do.

By order of the Board this, the 6th day of July, 1926.

PERRY A. COKER,
City Clerk.

Bids close August 3, 1926.

Lumber

Stuart, Fla.

Sealed proposals will be received by the Board of County Commissioners of Martin County, Florida, at the County Court House, Stuart, Florida, until 10 A. M. August 3, 1926, for the following material delivered f. o. b. Stuart, Fla.

113M—3 in. x 8 in. random length Georgia pine, treated with at least 12 lbs. of preservative oil per cu. ft. of timber as specified by the American Wood Preservers Association.

ALTERNATES.

113M—3 in. x 8 in. random length untreated Georgia Pine.

113M—2 in. x 8 in. random length Georgia Pine treated as above specified.

Each proposal must be accompanied with a certified check in the amount of two (2) per cent of the amount bid and made payable to the chairman of the Board of County Commissioners.

The Board reserves the right to reject any or all bids and to award the contract in the best interest of Martin County, Florida.

H. N. GAINES,
Chairman of the Board.
E. H. GIBSON,
County Engineer.

Bids close August 17, 1926.

Garbage and Refuse Destructor

Memphis, Tenn., July 29, 1926.

Notice is hereby given that sealed proposals will be received at the office of C. C. Pashby, City Clerk, until 2:30 o'clock P. M. Tuesday, August 17, 1926, for furnishing all labor, materials, hauling, tools for and constructing a Garbage and Refuse Destructor under the following general conditions:

Bidder to furnish plans and specifications.

Capacity from sixty tons to eighty tons in ten hours.

Bidder to state guaranteed operation.

To be built for the future addition of a duplicate unit, one stack to serve both units.

Building to be of fireproof construction, of steel and brick, or concrete and brick.

Bidder's design.

The property to be furnished by the City of Memphis. Bids to be received on the completed job, including building and foundation.

Separate bids must be submitted on building, extra foundation and excavation and on destructor units.

Time of completion must be stated in proposal.

Bidder must make an investigation and study of City of Memphis' Method of Collection, Materials Collected and kind of Equipment used in hauling.

The City of Memphis reserves the right to reject any and all bids.

A certified check for one thousand (\$1000) dollars on some solvent bank, payable to the order of the City of Memphis, or a bidder's bond for a like amount, conditioned on the bidder executing the contract, if awarded to him, shall accompany the proposal.

Said check, bond or order, as the case may be, will be returned to the unsuccessful bidder upon award of the contract, and to the successful bidder when he makes approved bond and signs contract for the faithful performance of the work.

Cash payment for this work will be made by the City of Memphis by order of the Board of Commissioners of the City of Memphis.

ROWLETT PAINE, Mayor.

Attest:

C. C. PASHBY, City Clerk.

Bids close August 12, 1926.

Sewage-Treatment Plant

Fort Lauderdale, Fla.

Sealed proposals for the furnishing of materials and constructing a sewage-disposal plant will be received by the Mayor and Board of Commissioners of the City of Fort Lauderdale, Fla., at City Manager's Office, Fort Lauderdale, Fla., until 1 P. M. August 12, 1926, at which time all proposals will be publicly opened and read.

The work will consist of a three-million-gallon daily capacity sewage-treatment plant, including reinforced concrete, pre-sedimentation tanks, aeration tanks, sedimentation tanks, sludge tanks and power plant and equipment.

Each proposal must be accompanied by a certified check, payable to the City of Fort Lauderdale, Fla., in an amount equal to five (5) per cent of the bid as a guarantee that the contract will be entered into if awarded. A bond for one hundred

(100) per cent of the contract price will be required. Payments will be made in cash on monthly estimates.

Plans and specifications are on file at the office of the City Manager, Fort Lauderdale, Fla., and with Solomon, Norcross & Keis, Consulting Engineers, Fort Lauderdale, Fla., and 1404 Candler Building, Atlanta, Ga.

Bidders may obtain copies of the specifications from the Consulting Engineers by enclosing certified check for twenty-five (\$25) dollars, payable to the City of Fort Lauderdale, Fla. Blueprints may be had at the cost of printing. If plans, specifications and blueprints are returned within thirty days after the opening of bids the check for twenty-five (\$25) dollars will be returned.

B. J. HORNE, City Manager.
SOLOMON, NORCROSS & KEIS,
Consulting Engineers,
Fort Lauderdale, Fla.;
Atlanta, Ga.

Bids close August 17, 1926.

Combination Pumper, Chemical and Fire Hose

Starkville, Miss.

By virtue of authority of an order adopted by the Mayor and Board of Aldermen of the City of Starkville, Miss., on the 6th day of July, 1926, the Mayor and Board of Aldermen of the City of Starkville, Miss., will, at eight (8) o'clock P. M. August 17, 1926, receive bids for: One Triple-Combination 750-Gallon Pumper, Chemical and Hose Truck. Bidders must own and operate factory making motor, chassis, chemicals and pump to assure all necessary parts that might have to be replaced or bought in the future. The Board reserves the right to reject any and all bids.

Witness our signatures this the 16th day of July, 1926.

H. A. BEATTIE,
Mayor.

T. J. GUNN,
Clerk.

**CLASSIFIED OPPORTUNITIES****MINERAL AND TIMBER LANDS, WATER POWER, MISCELLANEOUS PROPERTIES**

FOR SALE—Timber Land, Mill Properties, Cut-Over Timber Lands, Water Frontage for subdivision, located Gulf Coast. H. H. WEFEL, JR., Mobile, Alabama.

BROWN STONE QUARRIES

FOR SALE TO SETTLE ESTATE—Brown-stone Quarries and 125-acre farm located in York Co., Penna., near Penna. R. R. line, Harrisburg, Pa., to Washington, D. C. Entire tract underlaid with the very best brownstone. Copies of U. S. report and Penn. Geological Survey, with sample of stone, sent on request. Personal investigation solicited; land not needed for immediate quarry purpose is well adapted for fruit or general farming; reasonable price and terms for prompt purchase.

REEHLING ESTATE, Steelton, Pa.

TIMBER AND TIMBER LAND

FOUR BILLION FEET LONG-LEAF YELLOW PINE.

Northern Mexico, dirt cheap, good logging conditions; Mexican laws not now unfavorable to this proposition. Will put buyer in direct touch with owner. Believe this to be a good buy.

LANGFORD-LATHAM & LEA,
Gulfport, Miss.

FARM, FRUIT AND TRUCK LANDS**ALABAMA**

WONDERFUL OPPORTUNITIES, with unlimited possibilities, for investment on the Gulf Coast at Mobile. The land that steals your heart away. We have factory sites, textile mill, central business property, farms, orange and pecan groves, timber tracts, cutover land, waterfront property, homes and desirable building lots at very attractive prices and easy terms. Write us for information and literature. GULF COAST INVESTMENT COMPANY, INC., REALTORS, 32-34 N. Royal St., Battle House Bldg., Mobile, Ala.

NOTED ALABAMA MOUNTAIN HEALTH RESORT.

Now available for extensive development. 2500 acres mountain land just acquired. Three miles, fifteen minutes, from a city of 25,000. Delightful climate, summer 70 winter 58. 1800 feet altitude, with ten miles of bluff frontage overlooking most beautiful valleys in America. Wonderful site for resort community, hotel and golf course. Easily accessible from new North. South, East and West state highway just completed. Logical stopping point. We want to get in touch with developers with capital for an extensive development. Address Mountain Heights Development Co., Huntsville, Alabama.

FARM, FRUIT AND TRUCK LANDS**FLORIDA**

ACREAGE AND FARM LANDS in large or small quantity. Nothing too small for our consideration. Our service is valuable, backed up by reliability.

GOODWIN & BAKER REALTY CORPORATION,
Ft. Pierce, Florida.

ORANGE GROVES FOR SALE—From eight acres up to any size desired; prices upon application. Also locations for chicken farms; fine location for dairy farms.

J. G. COATS, Fort Pierce, Fla.

FLORIDA—The Land of Opportunity—more than \$15,250,000 in her State Treasury May 31 and no bonded indebtedness; no income or inheritance tax, ever; the "Playground of the Rich; Paradise of the Poor." Highest-priced crops produced in the Winter months. Send today for booklet and new list of Summer Farm and Grove Bargains. Tampa-West Coast Realty Co. (Inc.), Realtors, Opp. Post Office, "Since Before the War," Tampa, Florida.

FLORIDA INVESTMENTS MANATEE COUNTY.

The county that stands seventh in production of fruit and vegetables in the U. S. A solid foundation back of your investments—Farm Lands—Business Properties—Lots or Acreage for Subdivisions.

Full information on request—we can buy for you and we can resell for profit.

References: Bradenton Bank & Trust Co. MANATEE LAND SALES CO.

Bradenton, Fla.

St. Petersburg Office—560 First Ave. North.

OWN SEVERAL TRACTS first-class citrus and truck land in Orange County, Florida. Will develop and cultivate part of land myself, as believe that NOW is the time to start. Will sell part of land, as have more than am able to develop. Will give purchaser choice of all land, sell in tracts of from 5 to 40 acres, and if desired will develop and cultivate for purchaser on contract. No better land in Florida; good roads, good schools, good markets and most of adjacent land already under cultivation. Write

G. B. HARTLEY,
FAIRMONT, WEST VIRGINIA.

CARR & CARR, INC.,
WEST PALM BEACH, PALM BEACH,
LAKE WORTH.

References—Any bank or trust company in Palm Beach County.

FARM, FRUIT AND TRUCK LANDS**FLORIDA**

TWENTY ACRES AND PLENTY.

Free book tells truth about Florida land; monthly payments \$1 an acre. Orange groves, planted, cared for, 10 per cent above cost.

SYLVESTER E. WILSON,
Dept. X, Orlando, Fla.

MISSISSIPPI

FOR SALE AT HALF VALUE.

Three well-improved Mississippi delta plantations, 1100 to 3000 acres, located in the greatest long staple cotton section on earth. \$65 to \$85 per acre walkout. Details gladly given. Inspection arranged any time by appointment. J. H. Blanchard, P. O. Box 268, Greenwood, Miss.

NORTH CAROLINA

900 ACRES in Carolina's famous Peach Belt. Ideal Peach land; \$25 per acre.

Z. V. PATE, Owner,
Laurinburg, N. C.

3000 ACRES, part good farming land, adapted to growth of staple farm crops, balance very suitable for stock farm; \$20 per acre. Z. V. PATE, Owner, Laurinburg, N. C.

FOR SALE—Great Southern Plantation, 2308 acres; 1100 in cultivation; finest soil. Thirty Tenant Houses, 25 tenant families now living on place.

Big owner's house, barns, etc.; modern suction cotton gin; store at crossroads on farm.

Great hunting place. Lots of deer, turkey, quail, fox and other small game. Fine bass fishing in season.

A great bargain. Write owner.

PAUL ROBINSON,
Box 577, Roanoke Rapids, N. C.

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City Property, Farms, Citrus Groves,
Large Acreage, irrigated and unirrigated.

BUSINESS OPPORTUNITIES

BUSINESS EXECUTIVE wanted to manage office of fast growing construction company doing business all over the Southeast; party must invest some capital in business. Address P. O. Box 660, Pensacola, Fla.

INVENTOR of coin-controlled gasoline-vending pump wishes to form connection for its manufacture and sale. H. M. Walker, 331 State street, New Orleans, La.

FOR SALE—A WELL-EQUIPPED BAKERY at Georgetown, S. C., for sale at a reasonable price; fine opportunity for the right man. Write for particulars or come and inspect plant. W. D. MORGAN, Agent, Georgetown, S. C.

FOR SALE.

SHEET METAL BUSINESS. Located in the best and growing coal field in West Virginia. Business is good; \$5000 to \$6000 worth of work on hand. Reason for selling, physical condition prevents my looking after same. Write W. D. McCleary, Mgr., P. O. Box 684, Beckley, W. Va.

FOR SALE
MILFORD MILLS

Sixty-barrel water power flour and feed mill, with 38 acres highly cultivated land. Contains two dwellings and good bank barn. Long established mill, doing good business. Plenty water and in good grain section. One mile from depot, on main line Southern Railway and on state highway system; hard-surface road. Mill machinery in good condition. Opportunity for developing hydro-electric power in addition to operating mill. Very productive land, consisting of 12 acres good stand alfalfa, 11 acres corn, 6 acres wheat, balance in hay. Crops should make \$1000 net this year. Will sell at bargain price of \$15,000, including growing crops. Apply

B. LYNN ROBERTSON,
Manassas, Virginia.

PARTNER WANTED—General Building Construction Executive, with twenty years' practical experience on all classes of buildings and now well established in Southeast Florida in contracting, wants a Financial Partner to assist in financing and building larger work. Address Postoffice Box 2029, Fort Lauderdale, Fla.

FOR SALE—MANASSAS MILLS

Successful and active milling and feed mixing business, located in northern (Piedmont) Virginia, at the junction of the main line of the Southern Railway with the Harrisonburg Branch. In progressive growing town of 1500 people. Adjoins freight depot by platform, with space for 5 cars. All carload and less carload shipments loaded from mill door; good transit rates. Over 500,000 bushels wheat grown within radius of 35 miles; plenty corn. Mill building, brick; 100 feet by 40, three stories high, with concrete basement under all. Adjoining warehouse 60 by 40 feet and three steel storage tanks. Capacity flour mill, 125 barrels; meal, 300 bushels, and mixing plant, 100 tons per 24 hours. Nordyke and Marmon machinery, in first-class condition. Excellent trade among merchants and farmers. Last year business over \$260,000. Business well organized, with valuable trade-marks. To appreciate this opportunity you should visit the plant. Will sell at a bargain price. Offers wonderful opportunity for man with some money and ability. Plant operated by semi-Diesel fuel oil engine; very low power cost. Apply

MANASSAS FEED & MILLING COMPANY,
Manassas, Virginia.

FINANCIAL

CORPORATION BONDS prepared, bought and sold; first-mortgage propositions only entertained. The DeLonge Company, 1501 First National Bank Bldg., Detroit, Mich.

FACTORY SITES

FACTORY SITE FREE—In Cliftondale Park, a suburb of Clifton Forge, Va. On main line C. & O. Railway; large stream through property, within fifty yards high-power electric line; low current rates. Good labor conditions; healthful climate; exempt from city taxes. From one to five acres absolutely free to anyone who will locate an industry on the property. L. W. Farrier & Co., Inc., Clifton Forge, Va.

FACTORY SITES

FOR SALE—600 ft. facing B. & O. R. R. and 220 ft. on Sumner Road, Washington, D. C.; two acres, industrial zone, city water and sewerage; fine concrete roads; 2 miles from Capitol Bldg., offering at 30 cents per sq. ft. Terms and offers wanted. W. H. Bryson, Hotel Colonial, Philadelphia, Pa.

ATTRACTIVE INDUSTRIAL SITES FREE.

Located on main line of N. & W. R. R., Holston River, Lee Highway Southern Railway connection. Hydro-electric Power, Lumber, Coal, Iron, Brick and Tile, Shale, Cement, Plaster, etc. Good labor conditions. Within 150 miles of a million people. Write or see the

BANK OF MARION,
Marion, Va.

ALABAMA HOTEL SITE

HOTEL OR APARTMENT SITE FOR SALE—Three-fourths block, 211 feet front by 156 feet deep, on principal street of Florence, overlooking park; \$150 per foot. Also good house and 50-foot lot, two blocks from post office, on coming business street, \$10,000. P. B. HILL, Owner, Box 512, Florence, Ala.

INDUSTRIAL PLANTS

FOR SALE—Complete Lumber Manufacturing Plant with 100,000,000 feet of timber, principally L. L. Y. pine. Both Rail and Water transportation. This is a going concern. Price and terms on request. FULLINGTON-HODGES, Apalachicola, Fla.

FOR SALE—Three modern Arctic Pownall Ice Plants in Miami, Florida, and vicinity. Address O. J. Morris Ice & Cold Storage Co., 2637 N. Miami Ave., Miami, Fla.

FOUNDRY AND MANUFACTURING PLANT—20,000 sq. ft. floor space, motor machinery and foundry equipment, daylight, brick, steel and wood construction, good condition, located on river. Address Box 251, Alexandria, Va.

INDUSTRIAL BUILDINGS

FOR SALE—Three-story, Mill-Constructed Building, 145x200, located in Atlanta, on Southern Railway, with platform track space for nine cars, equipped with elevator and sprinkler system.

MANGET BROS. CO., Newnan, Ga.

FOR RENT OR SALE—Building, corner Ann and First streets, Parkersburg, West Virginia, suitable for wholesale, manufacturing or storage. Four stories, 80,000 square feet floor space. Electric elevator. Railroad track in building.

EXCHANGE BUILDING ASSOCIATION,
615 Market Street,
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FACTORY BUILDING AVAILABLE. For Sale or For Rent—Modern new factory building of 14,000 square feet of floor space, well located in thriving city of Belvidere, Illinois, 75 miles northwest of Chicago. Good transportation, plenty of labor. Utilities at low rates. Full information and co-operation given to industry interested.

L. P. MEYER,

309 South State Street, Belvidere, Ill.

FOR RENT—ATLANTA, GA.—I am building a new modern 2-story and loft building 60x85 feet; about Ten Thousand square feet space. Cut Stone and plate-glass front, 19-foot ceilings, 9 skylights. Located 133-35-37 Spring street, Atlanta, near new R. H. Macy department store, New Grady Hotel and New Keith Theater; Auto thoroughfare. Address

JOHN KEILEY,

1716 Pennsylvania avenue N. W., Washington, D. C., or any Real Estate Broker, Atlanta, Ga.

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PATENTS—Booklet free. Highest references. Best results. Promptness assured. Watson E. Coleman, Patent Lawyer, 644 G St. N. W., Washington, D. C.

PATENTS—TRADEMARKS—COPYRIGHTS Write for our free Guide Books and "RECORD OF INVENTION BLANK" before disclosing inventions. Send model or sketch and description of your invention for our inspection and instructions, free. Terms reasonable. Highest references. VICTOR J. EVANS & CO., 712 Ninth, Washington, D. C.

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WANTED ADDITION LINE.

An established Manufacturers' Agent located in Chicago, calling on the wholesale grocer, hardware and paper jobber, wants a good staple line of merchandise. Territory covered, Wisconsin, Michigan and Chicago. Address No. 6613, care Manufacturers Record, Baltimore, Md.

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Dailies, weeklies, trade papers; all U. S., Canadian, Foreign-language publications. Correspondence invited. Write for catalog.

OWL ADVERTISING AGENCY,
Advertising Counsel,
Times Bldg. New York City

SITUATIONS WANTED

SITUATION WANTED—By designer of machinery and equipment, with manufacturing experience, having successful machining and equipment on the market. Has been employed in concerns in which he has been interested. Address No. 6610, care of Manufacturers Record, Baltimore, Md.

SALESMAN—6 years' experience, would like to connect with organization handling building material. Recently connected with granite company that has ceased operation. Can also estimate and draft; 28 years old and married. Address No. 6606, care of Manufacturers Record, Baltimore, Md.

ESTIMATOR-ENGINEER, thoroughly experienced in all branches of building construction, pricing, buying and general supervision. Have developed and at present executive head of successfully operating Quantity Survey Bureau. Desire connection with General Contractor where ability to produce results will govern salary. Present location South. Present salary five thousand per year. Past and present employers as reference. If work not satisfactory from start, no salary expected. Address No. 6608, care Manufacturers Record, Baltimore, Md.

MEN WANTED

SALESMAN WANTED—Our proposition offers greater earning possibilities to the real salesman than is offered to him in most any other line. A credit and collection service with a bonded recovery obligation. American Security Credit Company, General Offices, St. Louis, Mo.

A MAN with ten or twelve years' experience in the Ornamental Iron and Bronze field, who can take charge of the Ornamental Iron Department of an established concern. The right man should be able to directly supervise the shop, field force and drawing room. Plenty of work on hand and a real opportunity for a producer. Give full details regarding age, experience and salary desired in first letter. Address No. 6611, care Manufacturers Record, Baltimore, Md.

SUPERINTENDENT for rapidly growing Ornamental Iron and Bronze Shop. Must be fully experienced and capable of handling shop and field organization, as well as turning out work promptly, accurately and economically. Good future for right man. Give full details, salary desired and earliest date available in first letter. Address No. 6612, care Manufacturers Record, Baltimore, Md.

IF YOU ARE OPEN to overtures for new connection, and qualified for a salary between \$2500 and \$25,000, your response to this announcement is invited. The undersigned provides a thoroughly organized service, of recognized standing and reputation, through which preliminaries are negotiated confidentially for positions of the caliber indicated. The procedure is individualized to each client's personal requirements; your identity covered and present position protected. Established sixteen years. Send only name and address for details.

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MOTORS FOR SALE—General Electric, 220 volts, 3 phase, 60 cycle. One 10 h. p., speed 855. One 30 h. p., speed 1740. First-class condition; used very little; bargain price. MANASSAS FEED & MILLING CO., Manassas, Va.

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